

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG070721\  
 Data File : BG049196.D  
 Acq On : 7 Jul 2021 12:31  
 Operator : CG/JU  
 Sample : PB137511BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB137511BL

Quant Time: Jul 07 13:07:46 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jul 06 10:59:02 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.085  | 152  | 32450    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.906 | 136  | 126680   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.730 | 164  | 93133    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.474 | 188  | 226360   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.763 | 240  | 233175   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.065 | 264  | 238314   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.635  | 112  | 266210   | 128.493 | ng    | 0.00     |
| 7) Phenol-d6                | 7.239  | 99   | 342632   | 115.998 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.249  | 82   | 247394   | 82.798  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.217 | 330  | 212839   | 131.830 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.350 | 172  | 586132   | 84.909  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.083 | 244  | 1115576  | 81.071  | ng    | 0.00     |

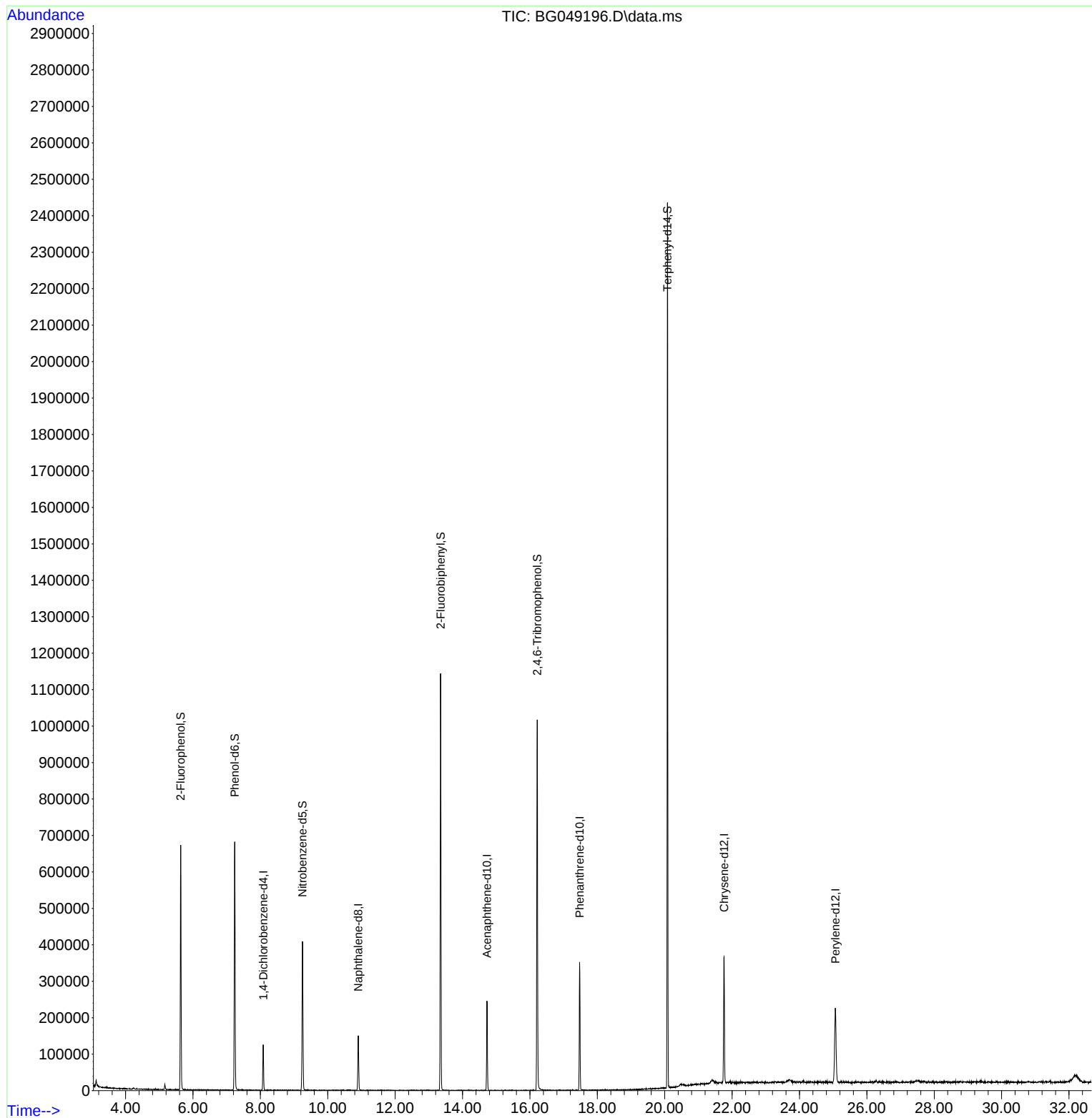
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

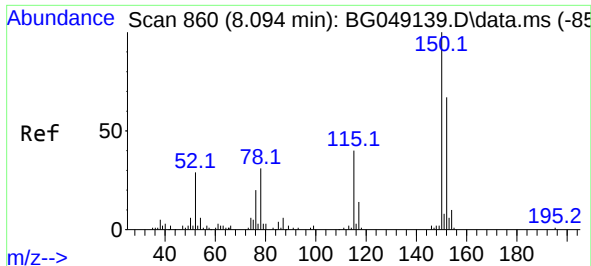
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 07 13:07:46 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_G\METHODS\8270-BG063021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jul 06 10:59:02 2021  
Response via : Initial Calibration

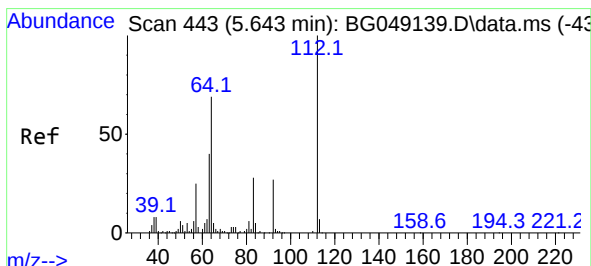
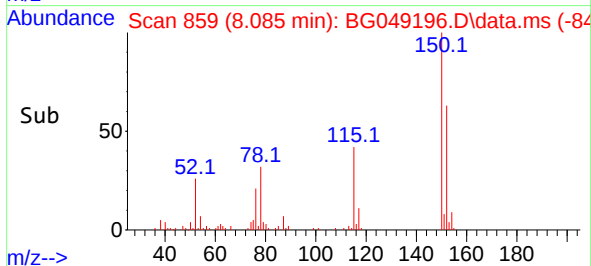
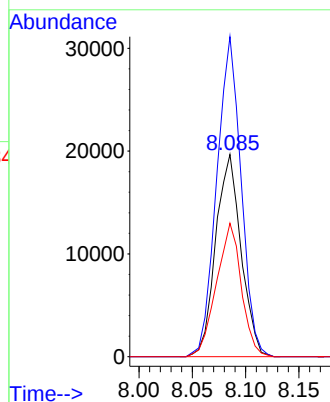
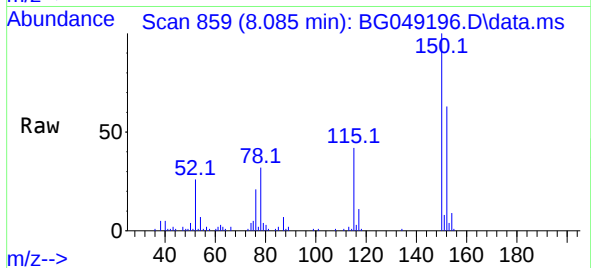




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.085 min Scan# 859  
Delta R.T. -0.006 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

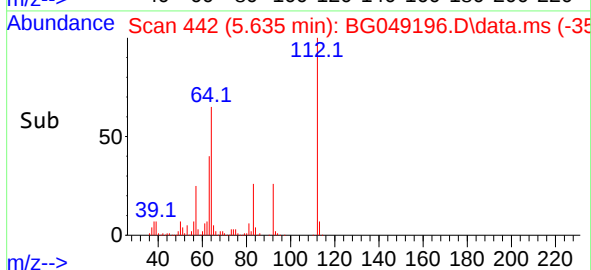
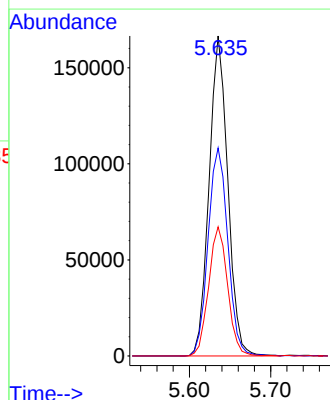
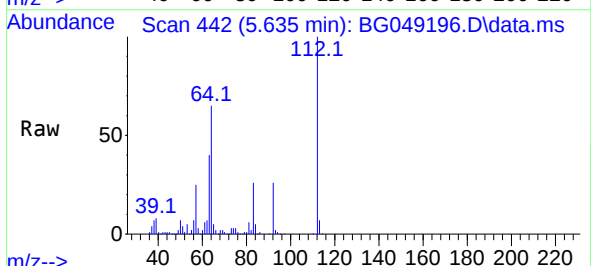
Instrument :  
BNA\_G  
ClientSampleId :  
PB137511BL

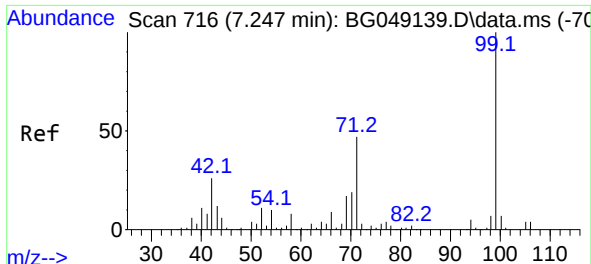
Tgt Ion:152 Resp: 32450  
Ion Ratio Lower Upper  
152 100  
150 158.2 119.4 179.0  
115 66.0 60.2 90.4



#5  
2-Fluorophenol  
Concen: 128.493 ng  
RT: 5.635 min Scan# 442  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

Tgt Ion:112 Resp: 266210  
Ion Ratio Lower Upper  
112 100  
64 65.0 46.7 70.1  
63 40.4 35.3 52.9

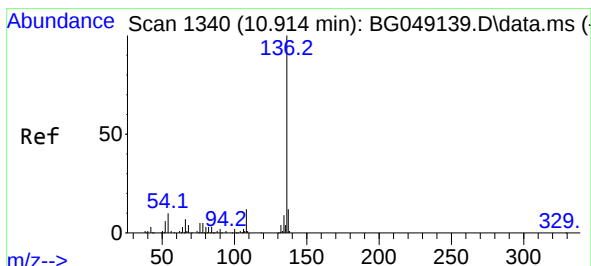
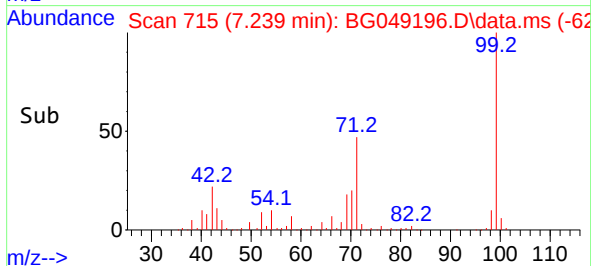
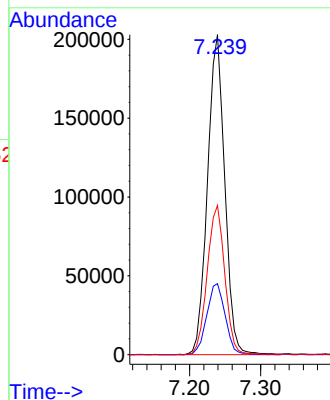
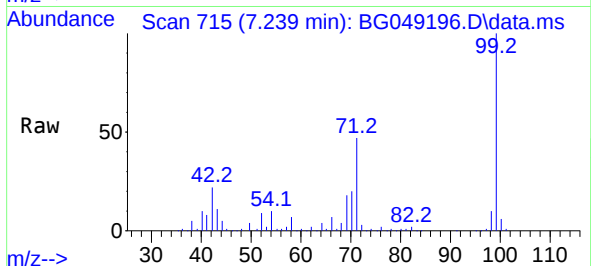




#7  
Phenol-d6  
Concen: 115.998 ng  
RT: 7.239 min Scan# 715  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

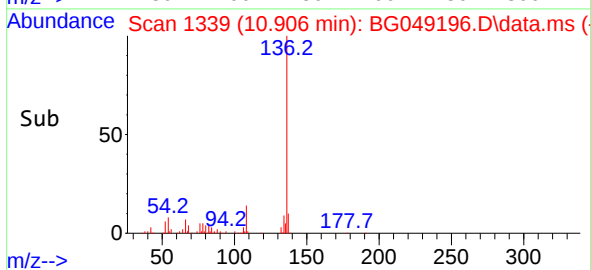
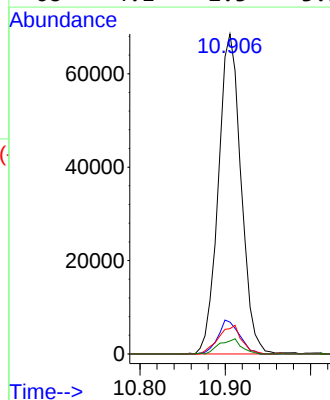
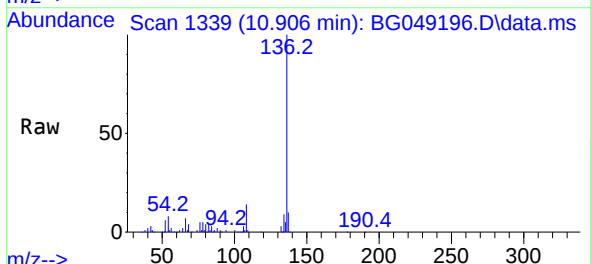
Instrument :  
BNA\_G  
ClientSampleId :  
PB137511BL

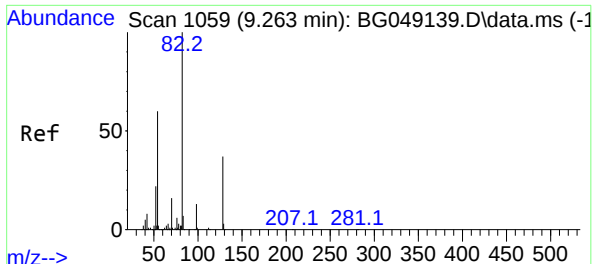
Tgt Ion: 99 Resp: 342632  
Ion Ratio Lower Upper  
99 100  
42 22.2 20.5 30.7  
71 46.7 41.5 62.3



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.906 min Scan# 1339  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

Tgt Ion:136 Resp: 126680  
Ion Ratio Lower Upper  
136 100  
137 9.9 8.2 12.2  
54 7.9 5.5 8.3  
68 4.1 2.3 3.5#



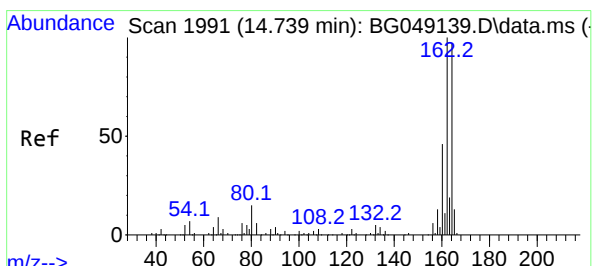
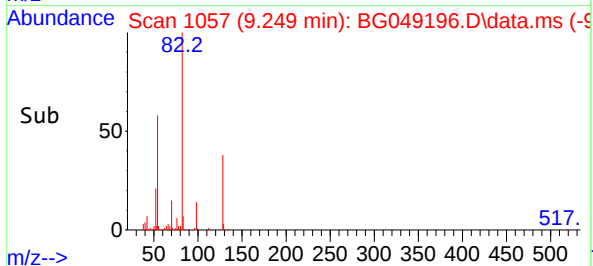
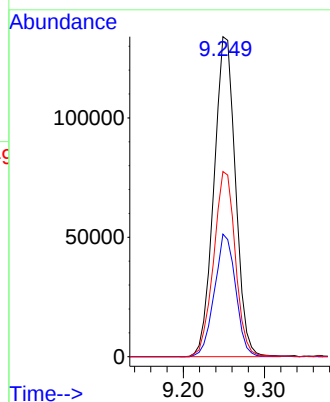
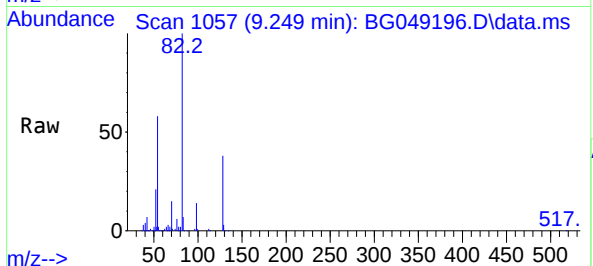


#23  
Nitrobenzene-d5  
Concen: 82.798 ng  
RT: 9.249 min Scan# 1057  
Delta R.T. -0.005 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB137511BL

Tgt Ion: 82 Resp: 247394

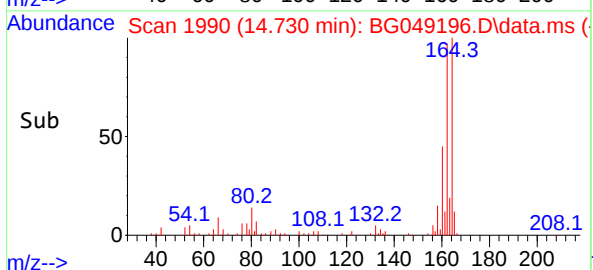
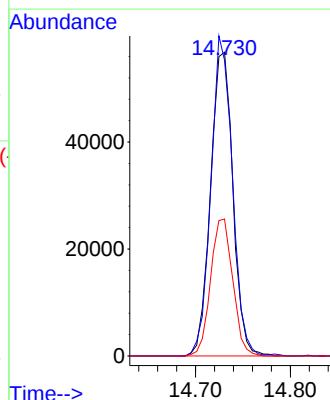
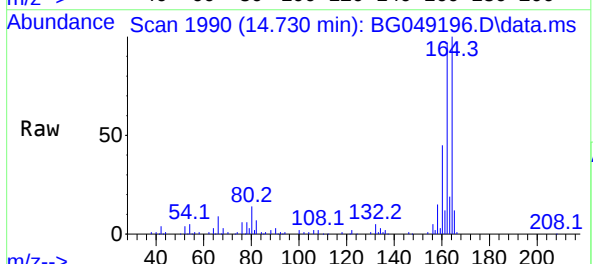
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 38.3  | 29.8  | 44.6  |
| 54  | 57.8  | 45.8  | 68.8  |

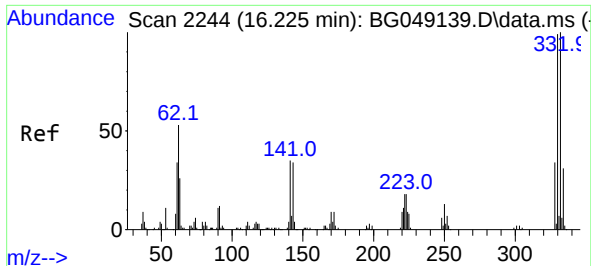


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.730 min Scan# 1990  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

Tgt Ion: 164 Resp: 93133

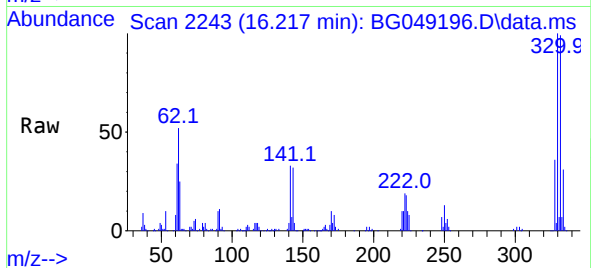
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 97.4  | 81.4  | 122.0 |
| 160 | 45.1  | 34.9  | 52.3  |



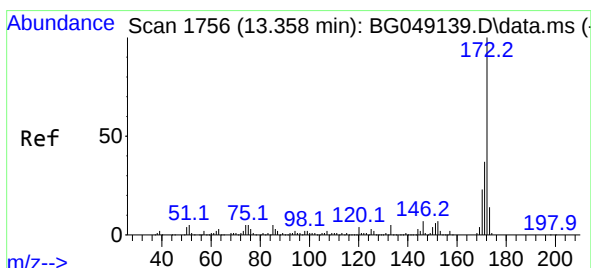
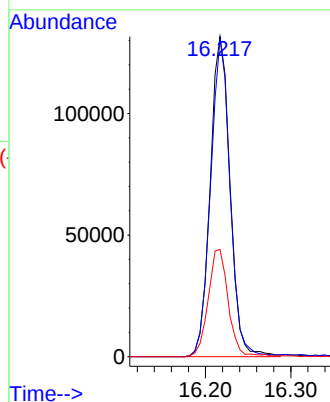
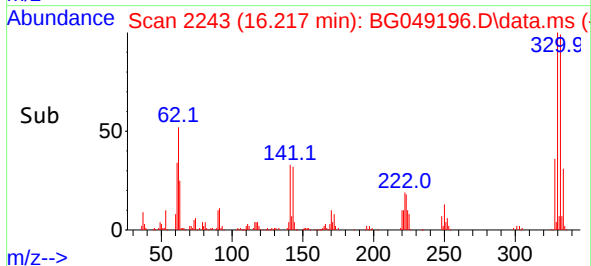


#42  
2,4,6-Tribromophenol  
Concen: 131.830 ng  
RT: 16.217 min Scan# 2243  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

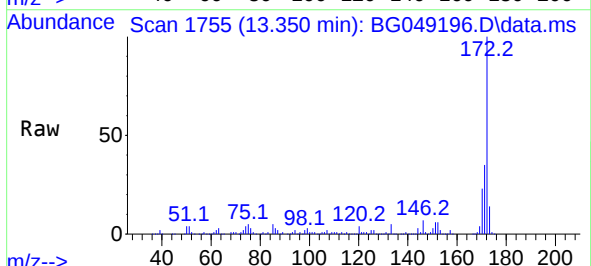
Instrument :  
BNA\_G  
ClientSampleId :  
PB137511BL



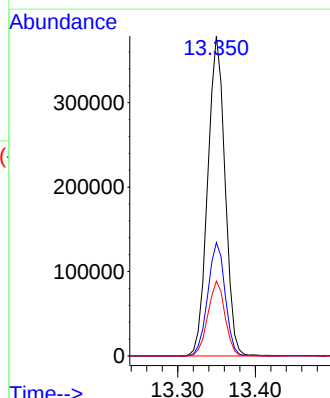
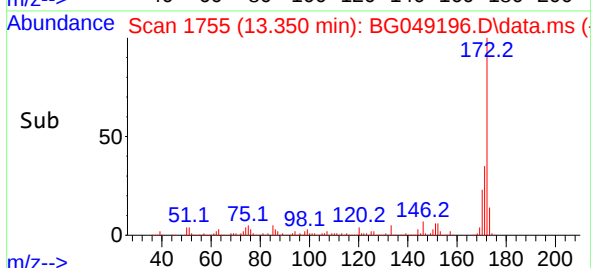
Tgt Ion:330 Resp: 212839  
Ion Ratio Lower Upper  
330 100  
332 96.9 77.3 115.9  
141 33.9 35.6 53.4#

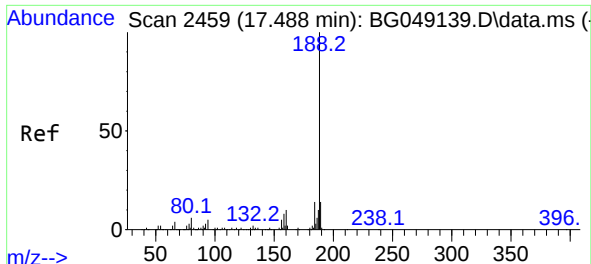


#45  
2-Fluorobiphenyl  
Concen: 84.909 ng  
RT: 13.350 min Scan# 1755  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31



Tgt Ion:172 Resp: 586132  
Ion Ratio Lower Upper  
172 100  
171 35.4 28.6 43.0  
170 23.4 18.6 27.8

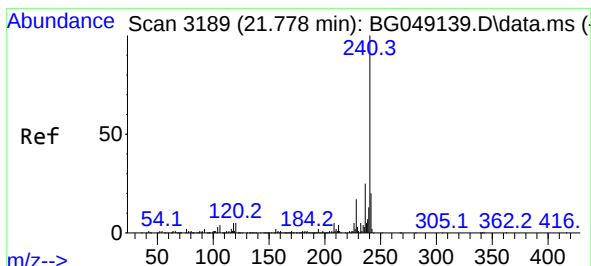
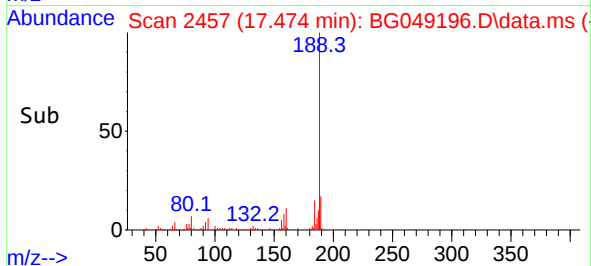
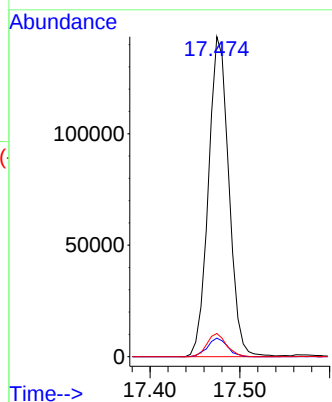
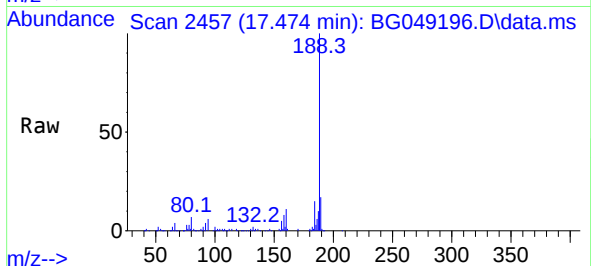




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.474 min Scan# 2457  
Delta R.T. -0.005 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

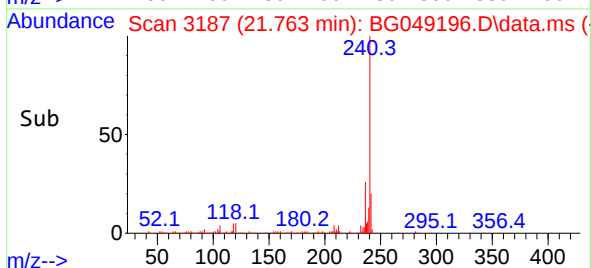
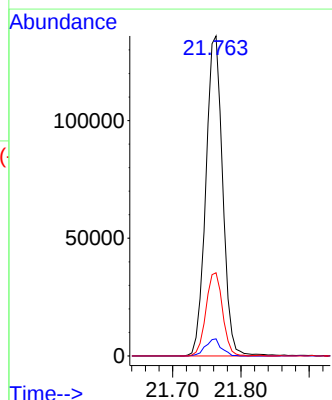
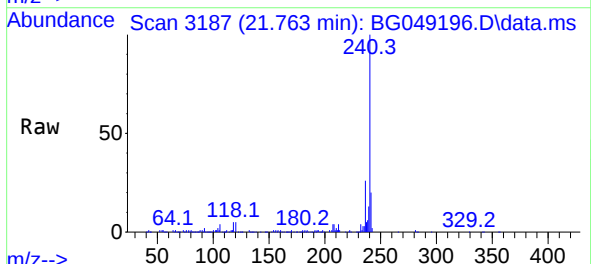
Instrument :  
BNA\_G  
ClientSampleId :  
PB137511BL

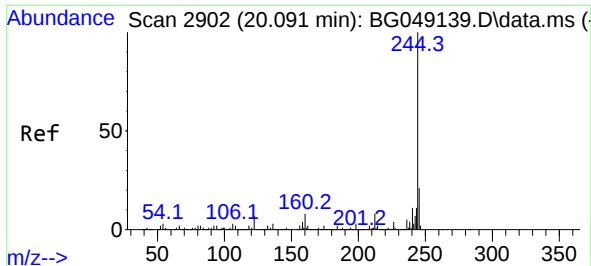
Tgt Ion:188 Resp: 226360  
Ion Ratio Lower Upper  
188 100  
94 5.8 5.4 8.0  
80 7.2 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.763 min Scan# 3187  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

Tgt Ion:240 Resp: 233175  
Ion Ratio Lower Upper  
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120 5.3 4.2 6.2  
236 26.0 21.8 32.6

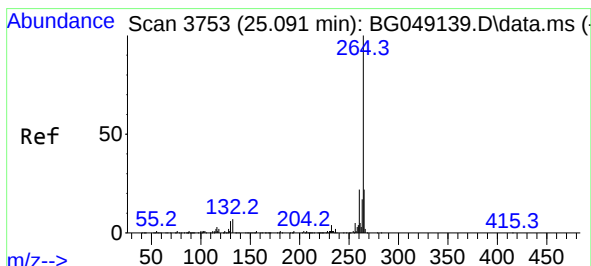
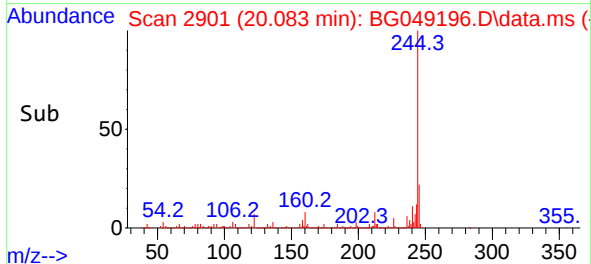
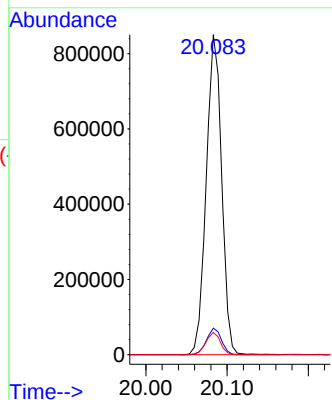
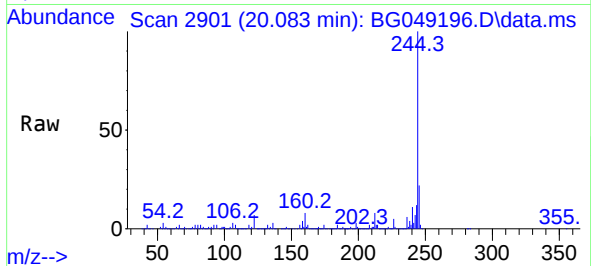




#79  
Terphenyl-d14  
Concen: 81.071 ng  
RT: 20.083 min Scan# 2901  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

Instrument :  
BNA\_G  
ClientSampleId :  
PB137511BL

Tgt Ion:244 Resp: 1115576  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.9 10.3  
122 7.0 5.0 7.6



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.065 min Scan# 3749  
Delta R.T. 0.001 min  
Lab File: BG049196.D  
Acq: 7 Jul 2021 12:31

Tgt Ion:264 Resp: 238314  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.4 29.2  
265 21.7 16.9 25.3

