

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG050522\  
 Data File : BG053447.D  
 Acq On : 5 May 2022 11:22  
 Operator : CG/JU  
 Sample : N2665-06  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-4,11

Quant Time: May 06 03:46:36 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 05 02:13:53 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.094  | 152  | 23442    | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8          | 10.908 | 136  | 93277    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.720 | 164  | 69383    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.464 | 188  | 176017   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.740 | 240  | 202829   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.024 | 264  | 203925   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.662  | 112  | 148419   | 107.451 | ng    | 0.00     |
| 7) Phenol-d6                | 7.254  | 99   | 221619   | 105.720 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.257  | 82   | 160221   | 73.119  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.207 | 330  | 107898   | 105.439 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.340 | 172  | 340641   | 71.743  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.066 | 244  | 741429   | 68.081  | ng    | 0.00     |

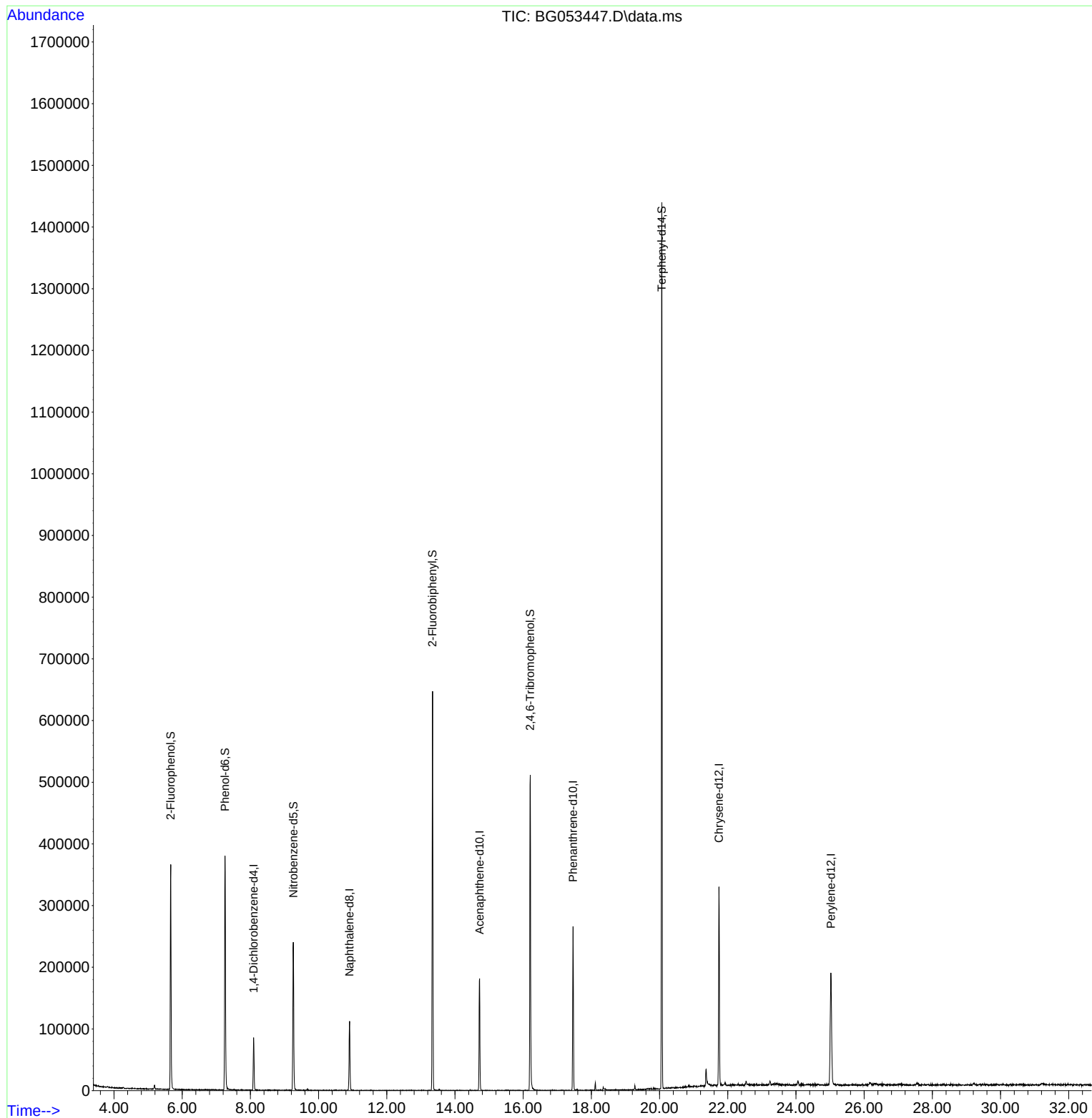
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

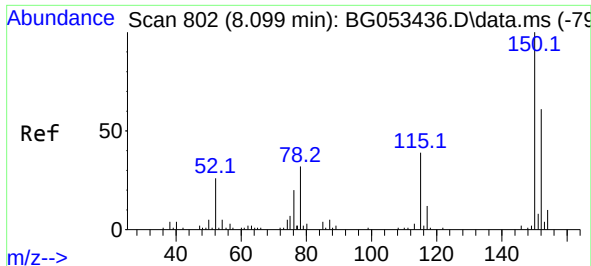
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 05 02:13:53 2022  
Response via : Initial Calibration

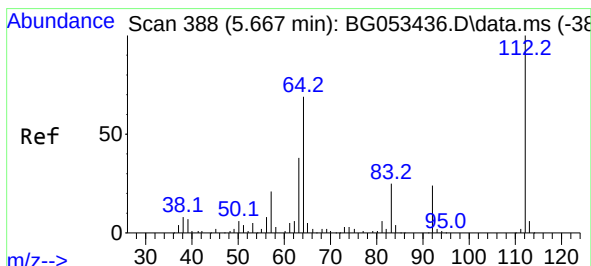
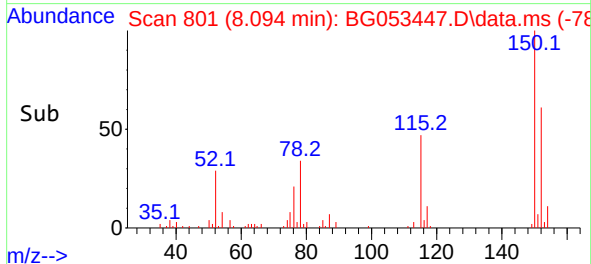
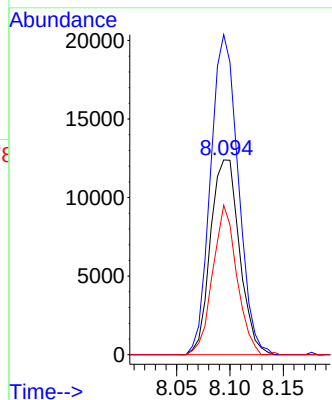
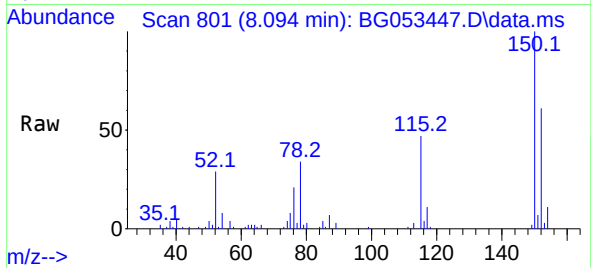




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.094 min Scan# 80  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

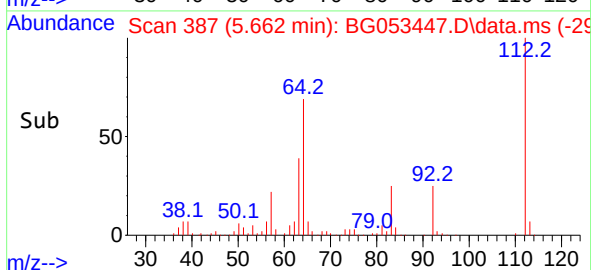
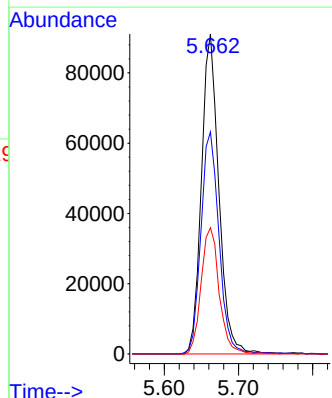
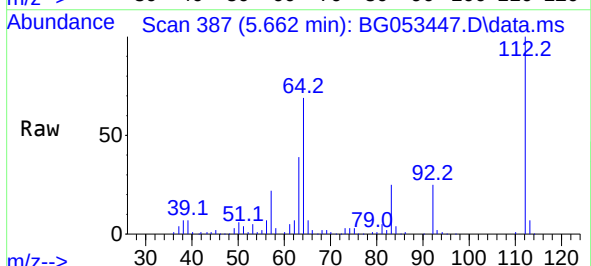
Instrument :  
BNA\_G  
ClientSampleId :  
SB-4,11

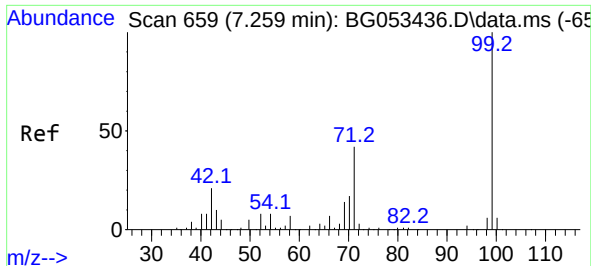
Tgt Ion:152 Resp: 23442  
Ion Ratio Lower Upper  
152 100  
150 164.3 131.6 197.4  
115 76.7 50.9 76.3#



#5  
2-Fluorophenol  
Concen: 107.451 ng  
RT: 5.662 min Scan# 387  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

Tgt Ion:112 Resp: 148419  
Ion Ratio Lower Upper  
112 100  
64 69.4 55.1 82.7  
63 39.4 30.4 45.6

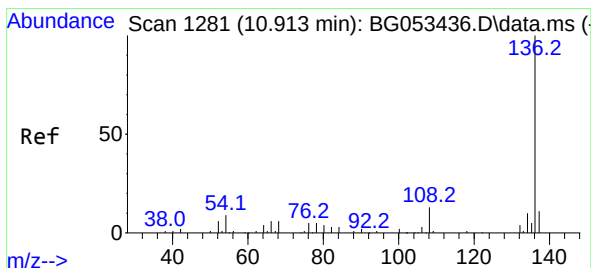
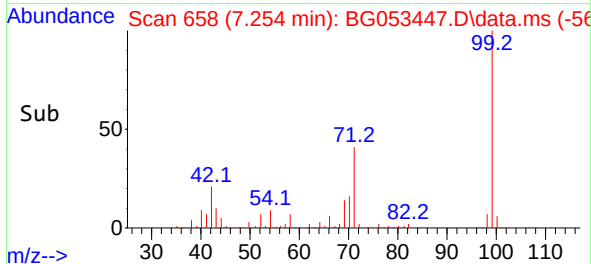
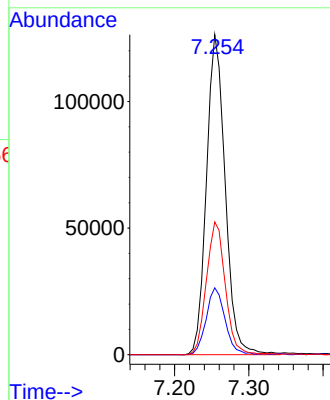
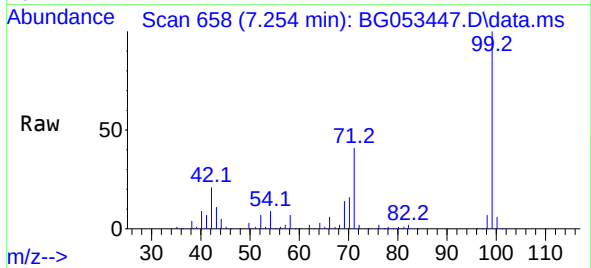




#7  
Phenol-d6  
Concen: 105.720 ng  
RT: 7.254 min Scan# 61  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

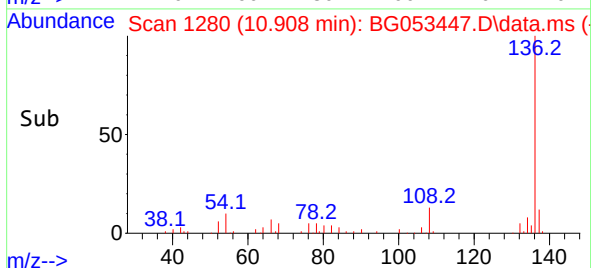
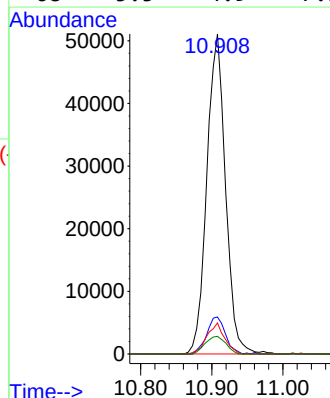
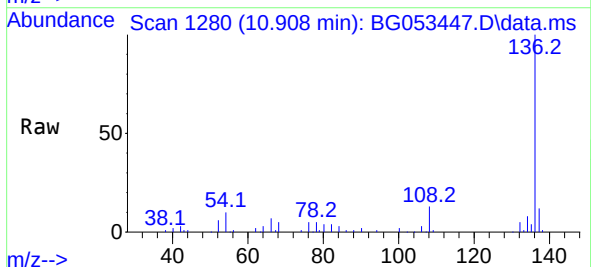
Instrument :  
BNA\_G  
ClientSampleId :  
SB-4,11

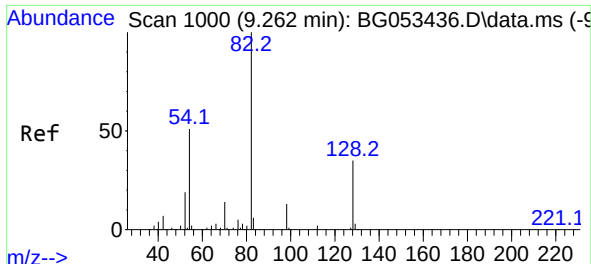
Tgt Ion: 99 Resp: 221619  
Ion Ratio Lower Upper  
99 100  
42 20.9 17.0 25.6  
71 41.5 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.908 min Scan# 1280  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

Tgt Ion:136 Resp: 93277  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.5 12.7  
54 9.7 7.4 11.2  
68 5.5 4.9 7.3

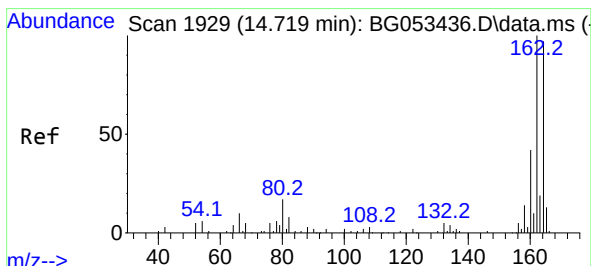
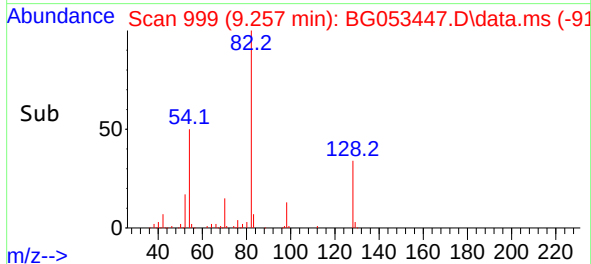
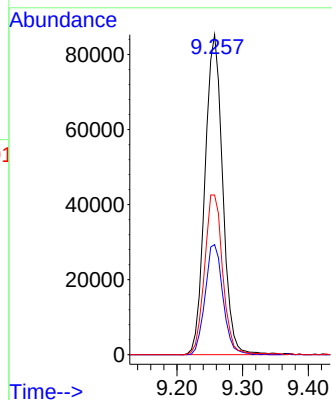
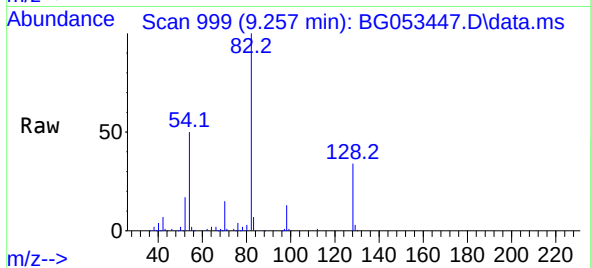




#23  
Nitrobenzene-d5  
Concen: 73.119 ng  
RT: 9.257 min Scan# 91  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

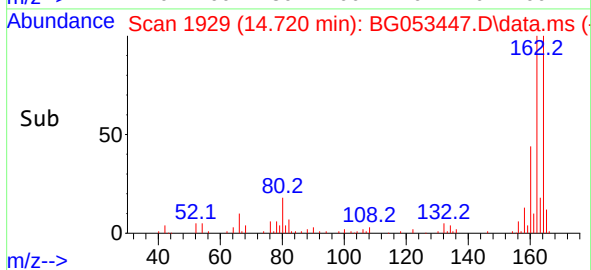
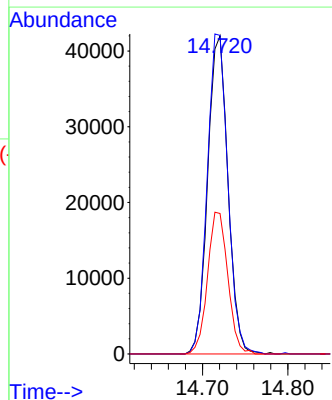
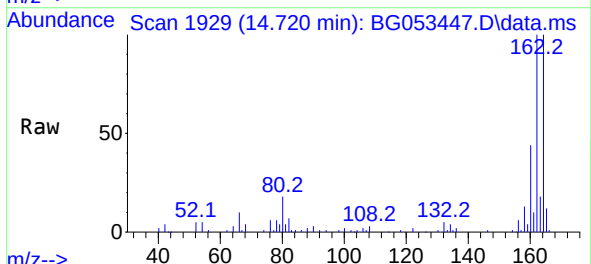
Instrument :  
BNA\_G  
ClientSampleId :  
SB-4,11

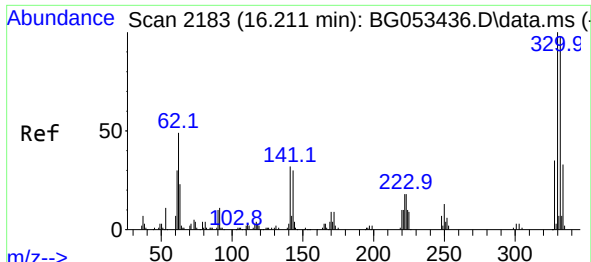
Tgt Ion: 82 Resp: 160221  
Ion Ratio Lower Upper  
82 100  
128 34.4 27.9 41.9  
54 49.9 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.720 min Scan# 1929  
Delta R.T. 0.001 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

Tgt Ion:164 Resp: 69383  
Ion Ratio Lower Upper  
164 100  
162 100.2 82.3 123.5  
160 44.2 34.2 51.2

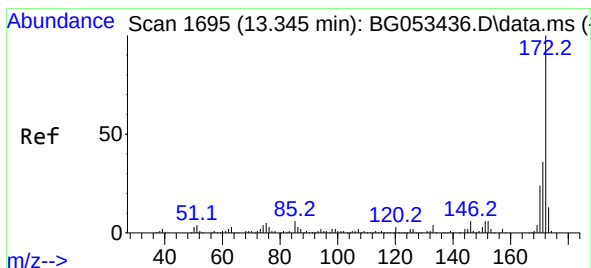
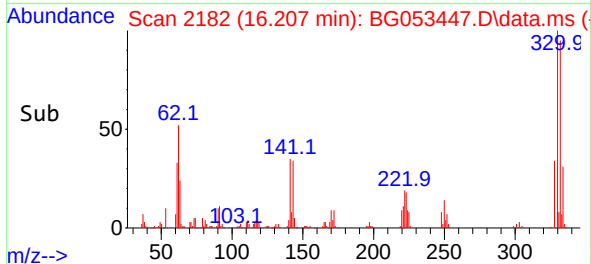
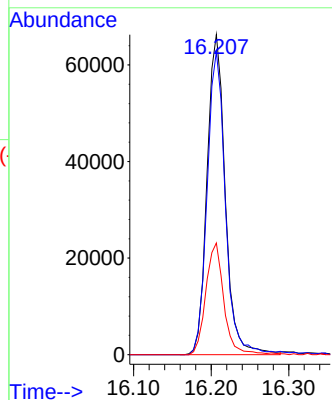
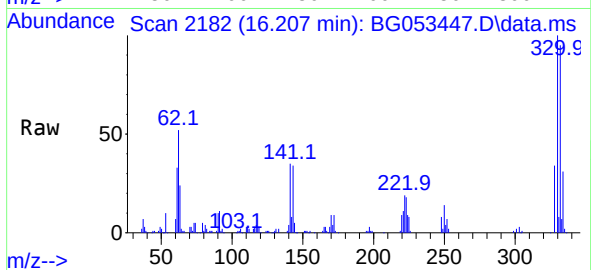




#42  
2,4,6-Tribromophenol  
Concen: 105.439 ng  
RT: 16.207 min Scan# 2183  
Delta R.T. -0.004 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

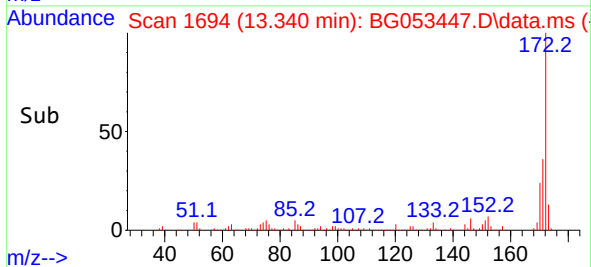
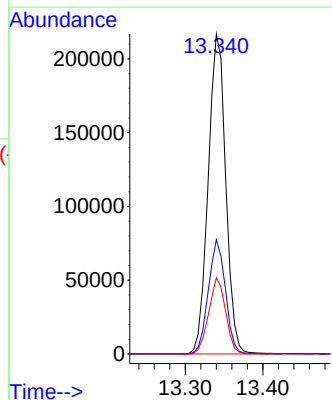
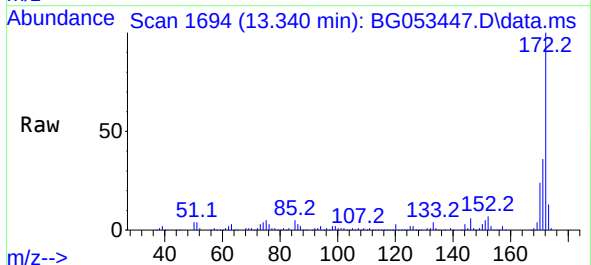
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ClientSampleId :  
SB-4,11

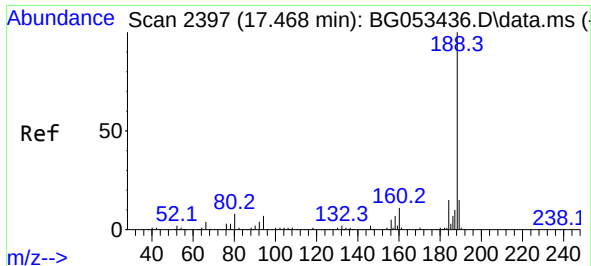
Tgt Ion:330 Resp: 107898  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.0 114.0  
141 34.5 27.1 40.7



#45  
2-Fluorobiphenyl  
Concen: 71.743 ng  
RT: 13.340 min Scan# 1694  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

Tgt Ion:172 Resp: 340641  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.5 42.7  
170 23.8 18.9 28.3

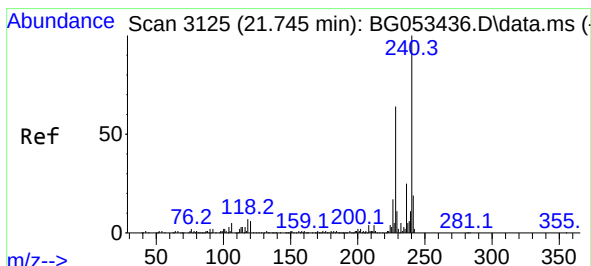
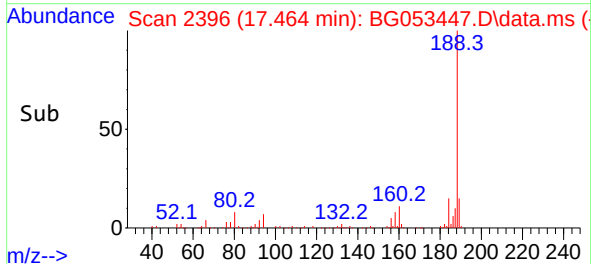
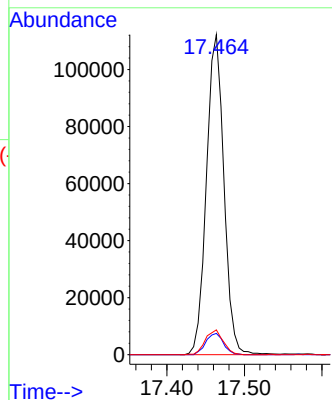
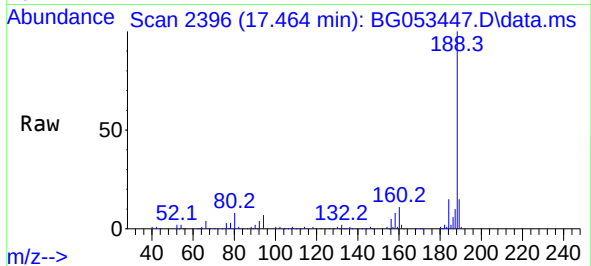




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.464 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

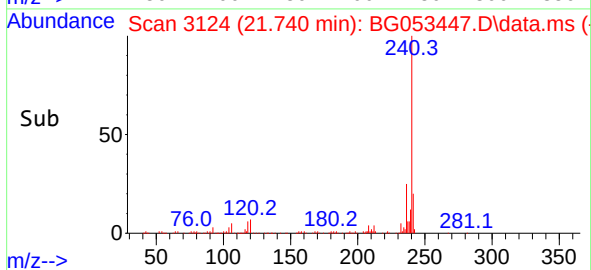
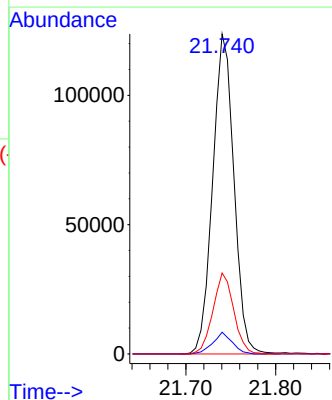
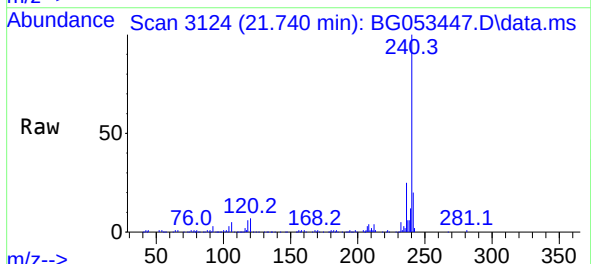
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SB-4,11

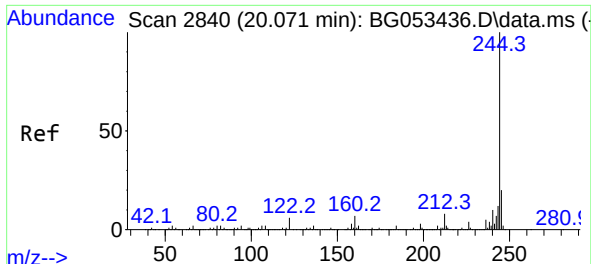
Tgt Ion:188 Resp: 176017  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.4 8.0  
80 7.8 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.740 min Scan# 3124  
Delta R.T. -0.005 min  
Lab File: BG053447.D  
Acq: 5 May 2022 11:22

Tgt Ion:240 Resp: 202829  
Ion Ratio Lower Upper  
240 100  
120 6.8 4.6 7.0  
236 25.3 20.2 30.4

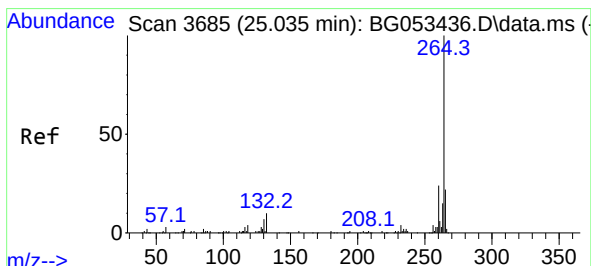
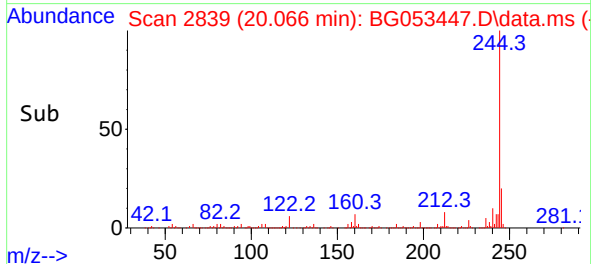
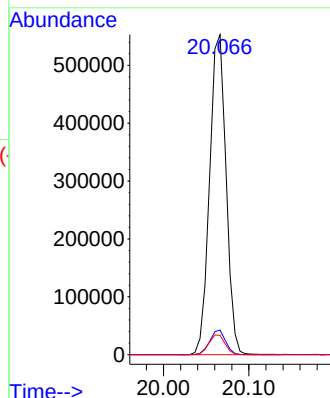
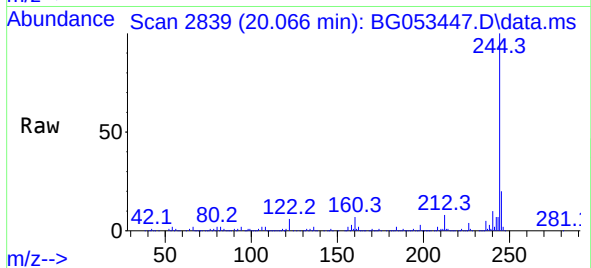




#79  
 Terphenyl-d14  
 Concen: 68.081 ng  
 RT: 20.066 min Scan# 21  
 Delta R.T. -0.005 min  
 Lab File: BG053447.D  
 Acq: 5 May 2022 11:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-4,11

Tgt Ion:244 Resp: 741429  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 6.1 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.024 min Scan# 3683  
 Delta R.T. -0.010 min  
 Lab File: BG053447.D  
 Acq: 5 May 2022 11:22

Tgt Ion:264 Resp: 203925  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 19.0 28.6  
 265 21.5 17.4 26.2

