

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051022\  
 Data File : BG053514.D  
 Acq On : 10 May 2022 18:56  
 Operator : CG/JU  
 Sample : N2731-03  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-303-20220505

Quant Time: May 11 06:03:46 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 11 06:00:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.090  | 152  | 22417    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.898 | 136  | 88011    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.710 | 164  | 66106    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.454 | 188  | 168161   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.736 | 240  | 219641   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.008 | 264  | 220778   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.652  | 112  | 88249    | 66.811  | ng    | 0.00     |
| 7) Phenol-d6                | 7.250  | 99   | 80202    | 40.008  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.247  | 82   | 206883   | 100.063 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.202 | 330  | 146023   | 149.769 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.336 | 172  | 468351   | 103.529 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.062 | 244  | 1085162  | 92.017  | ng    | 0.00     |

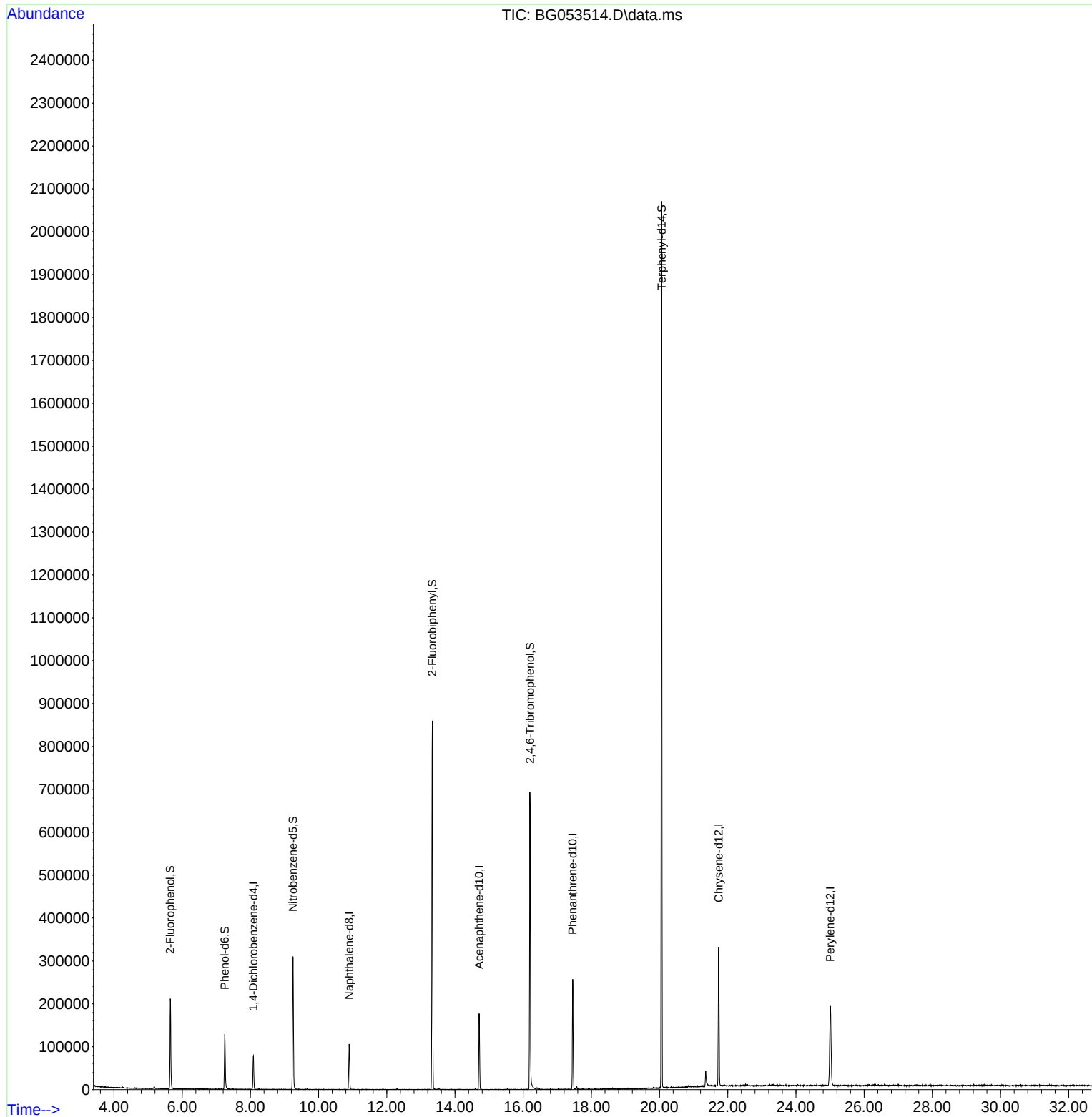
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

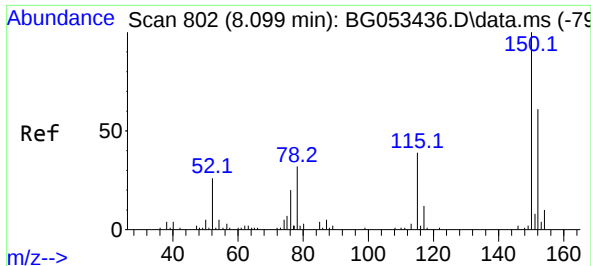
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 11 06:00:46 2022  
Response via : Initial Calibration

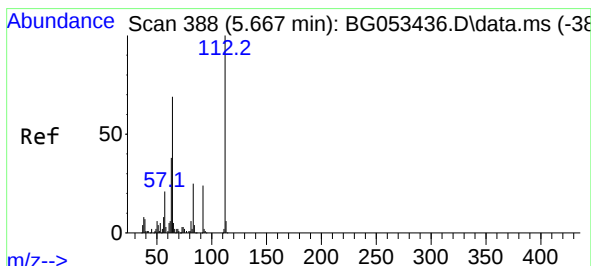
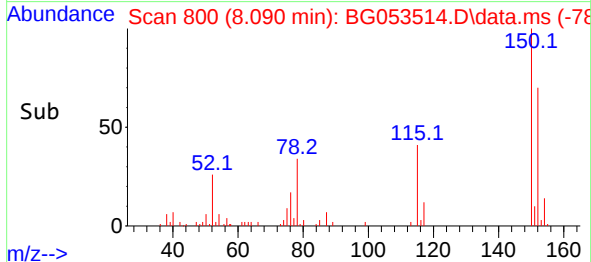
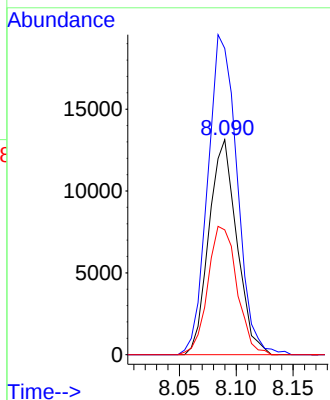
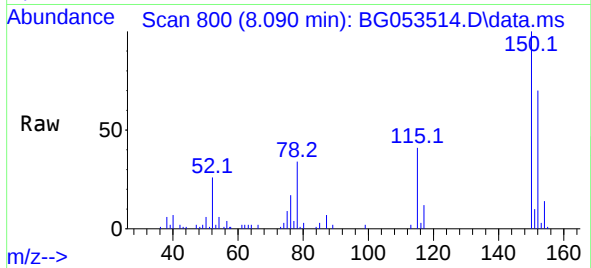




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.090 min Scan# 80  
Delta R.T. 0.001 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

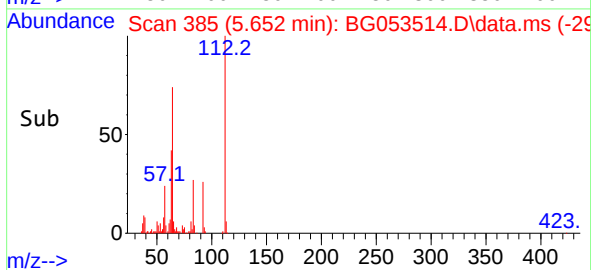
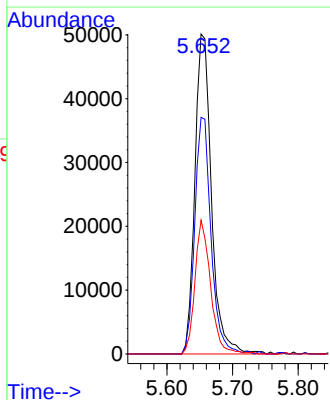
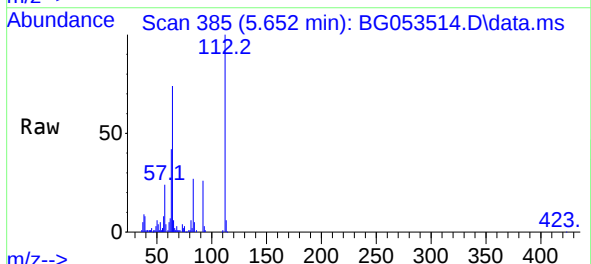
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BNA\_G  
ClientSampleId :  
SP-303-20220505

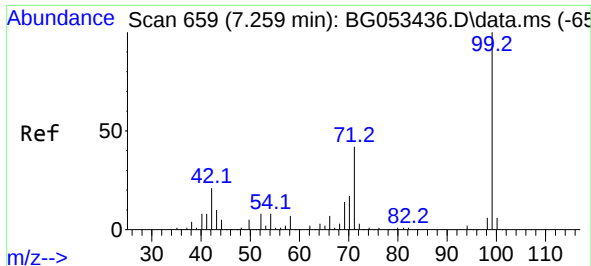
Tgt Ion:152 Resp: 22417  
Ion Ratio Lower Upper  
152 100  
150 142.4 131.6 197.4  
115 58.0 50.9 76.3



#5  
2-Fluorophenol  
Concen: 66.811 ng  
RT: 5.652 min Scan# 385  
Delta R.T. 0.000 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

Tgt Ion:112 Resp: 88249  
Ion Ratio Lower Upper  
112 100  
64 74.0 55.1 82.7  
63 41.8 30.4 45.6

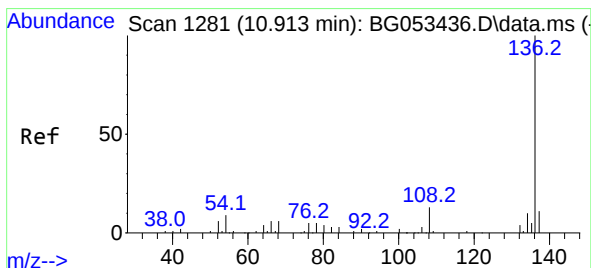
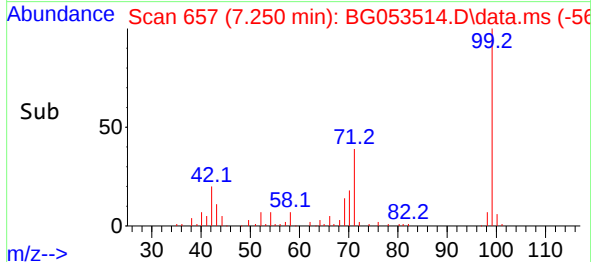
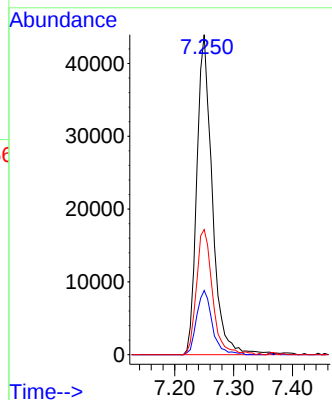
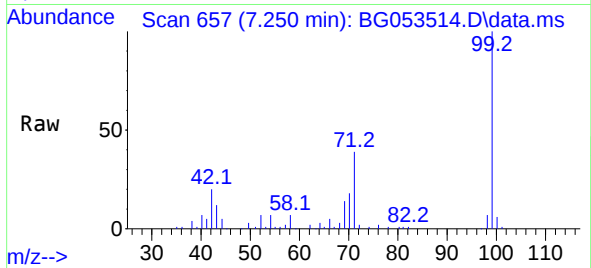




#7  
Phenol-d6  
Concen: 40.008 ng  
RT: 7.250 min Scan# 61  
Delta R.T. 0.000 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

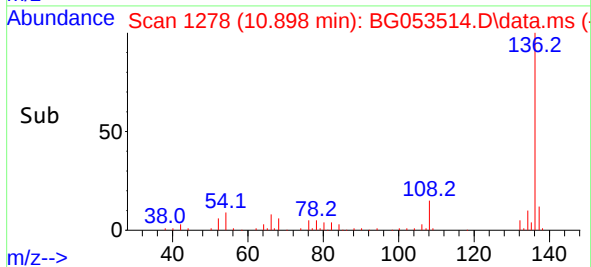
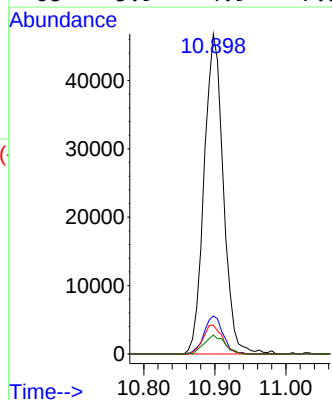
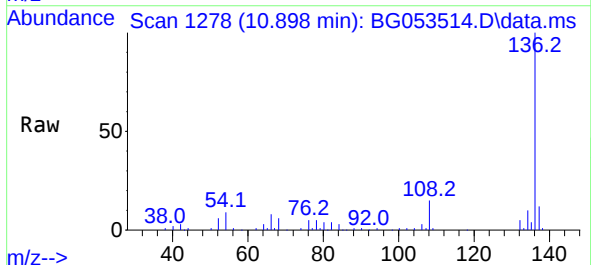
Instrument :  
BNA\_G  
ClientSampleId :  
SP-303-20220505

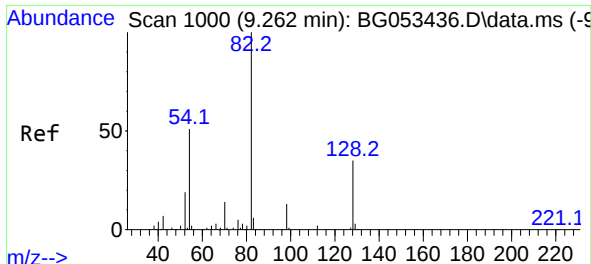
Tgt Ion: 99 Resp: 80202  
Ion Ratio Lower Upper  
99 100  
42 20.1 17.0 25.6  
71 39.1 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.898 min Scan# 1278  
Delta R.T. 0.000 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

Tgt Ion: 136 Resp: 88011  
Ion Ratio Lower Upper  
136 100  
137 11.9 8.5 12.7  
54 9.1 7.4 11.2  
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 100.063 ng

RT: 9.247 min Scan# 91

Delta R.T. -0.005 min

Lab File: BG053514.D

Acq: 10 May 2022 18:56

Instrument :

BNA\_G

ClientSampleId :

SP-303-20220505

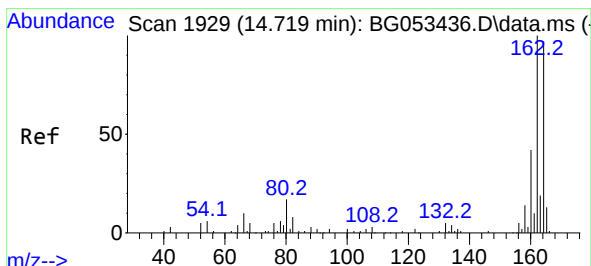
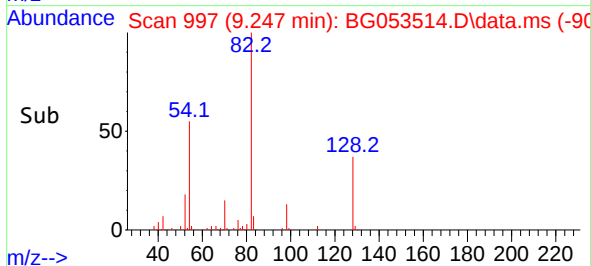
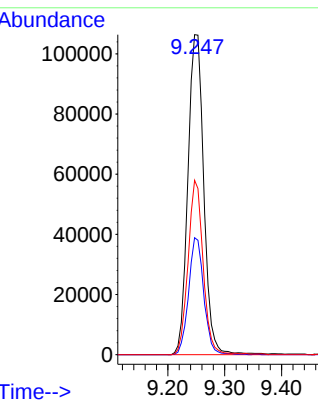
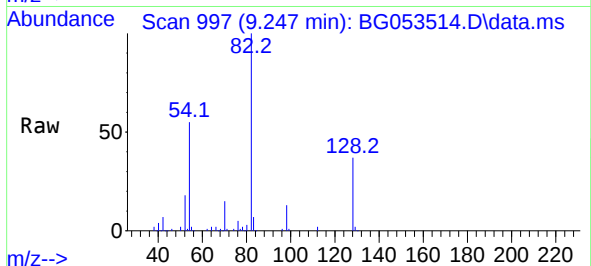
Tgt Ion: 82 Resp: 206883

Ion Ratio Lower Upper

82 100

128 36.6 27.9 41.9

54 54.5 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.710 min Scan# 1927

Delta R.T. -0.005 min

Lab File: BG053514.D

Acq: 10 May 2022 18:56

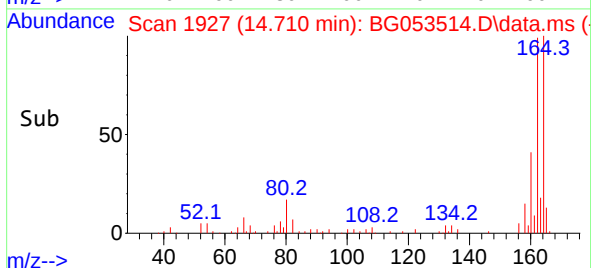
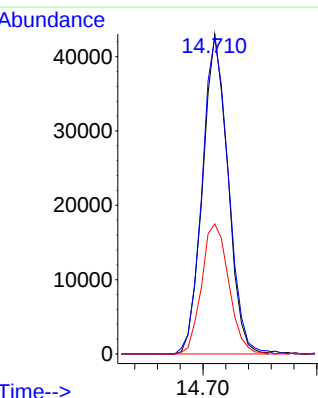
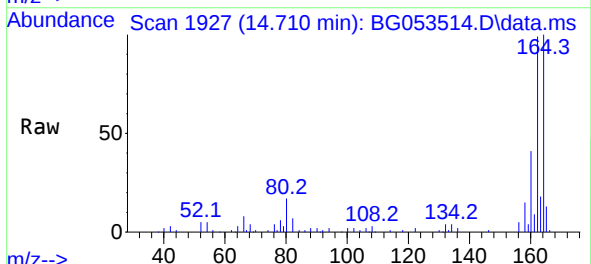
Tgt Ion: 164 Resp: 66106

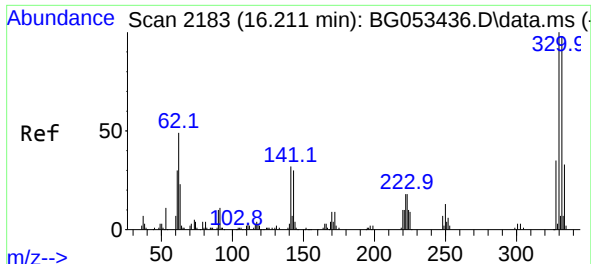
Ion Ratio Lower Upper

164 100

162 98.9 82.3 123.5

160 40.7 34.2 51.2

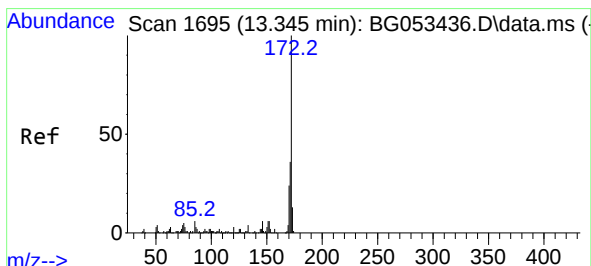
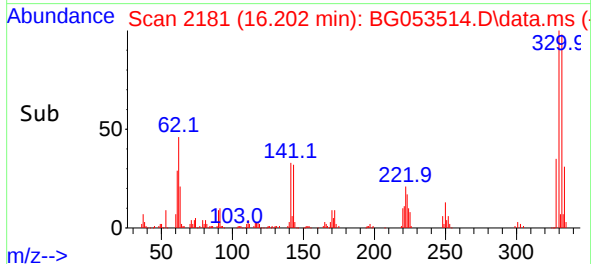
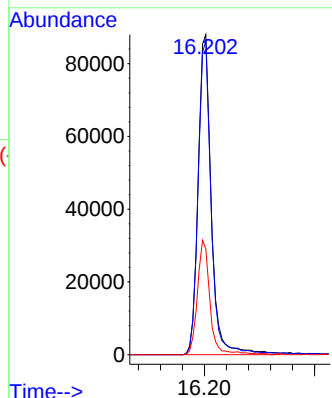
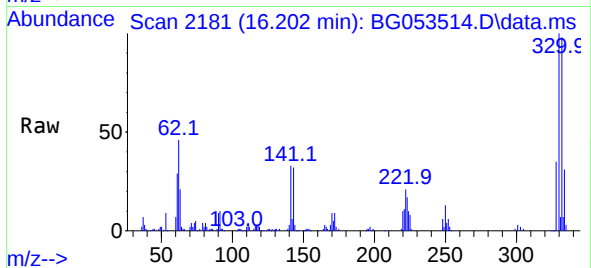




#42  
2,4,6-Tribromophenol  
Concen: 149.769 ng  
RT: 16.202 min Scan# 2183  
Delta R.T. 0.000 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

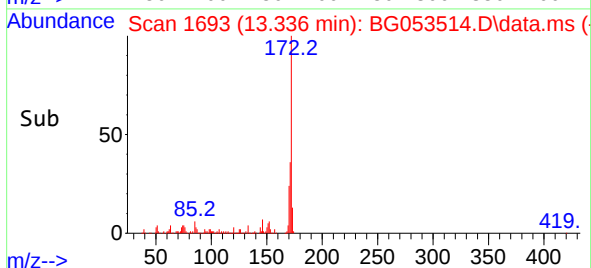
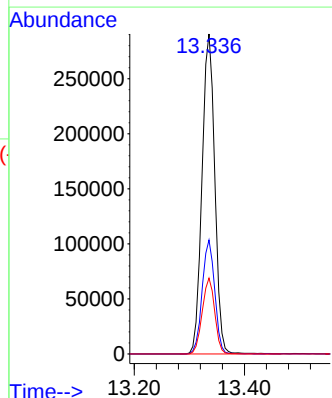
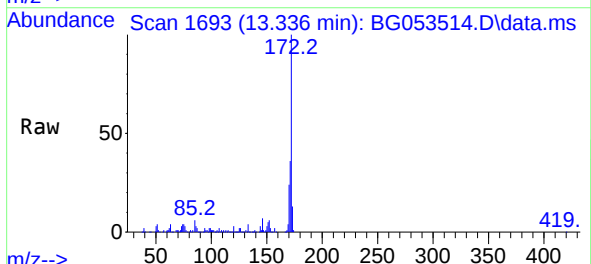
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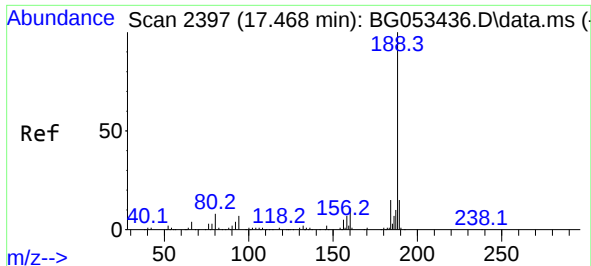
Tgt Ion:330 Resp: 146023  
Ion Ratio Lower Upper  
330 100  
332 97.1 76.0 114.0  
141 33.9 27.1 40.7



#45  
2-Fluorobiphenyl  
Concen: 103.529 ng  
RT: 13.336 min Scan# 1693  
Delta R.T. 0.000 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

Tgt Ion:172 Resp: 468351  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 23.7 18.9 28.3

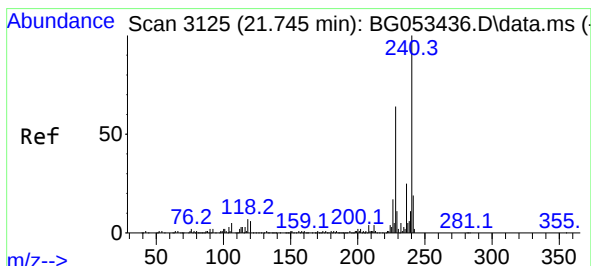
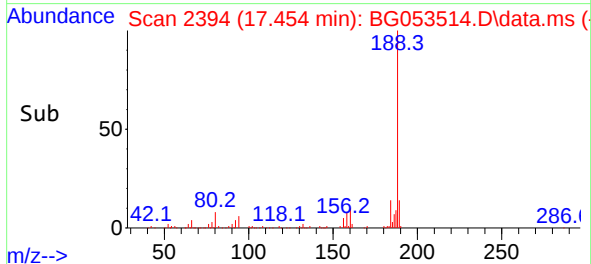
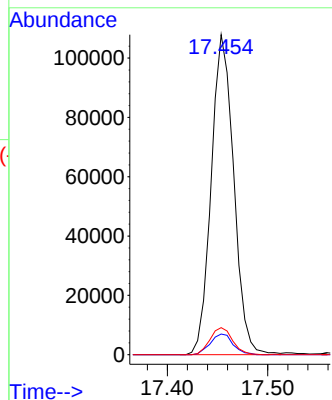
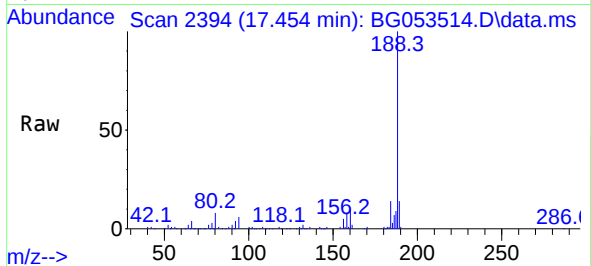




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.454 min Scan# 21  
Delta R.T. -0.005 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

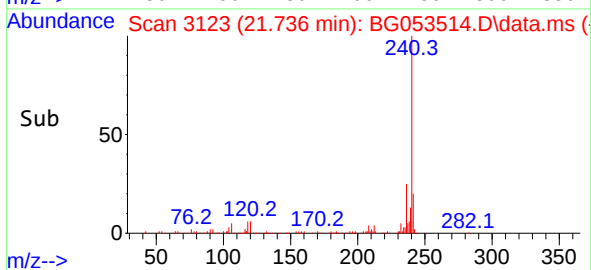
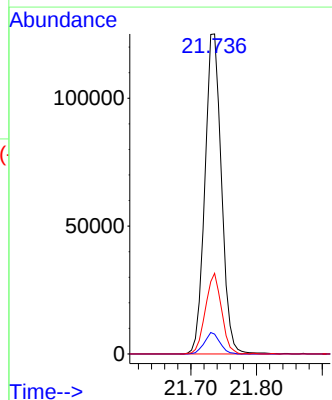
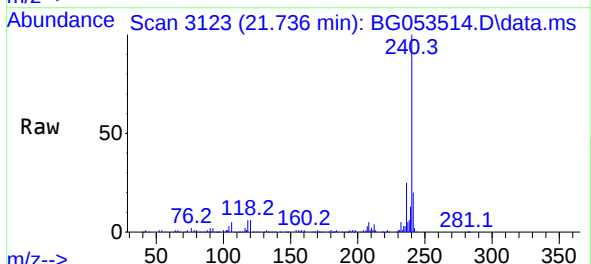
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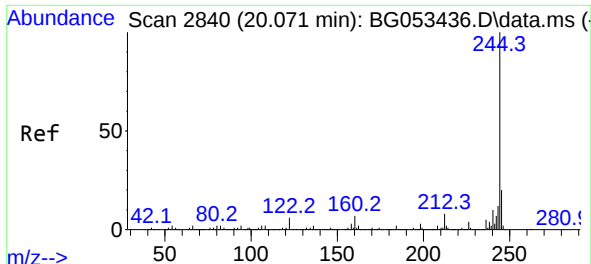
Tgt Ion:188 Resp: 168161  
Ion Ratio Lower Upper  
188 100  
94 6.4 5.4 8.0  
80 8.5 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.736 min Scan# 3123  
Delta R.T. -0.005 min  
Lab File: BG053514.D  
Acq: 10 May 2022 18:56

Tgt Ion:240 Resp: 219641  
Ion Ratio Lower Upper  
240 100  
120 6.2 4.6 7.0  
236 25.2 20.2 30.4

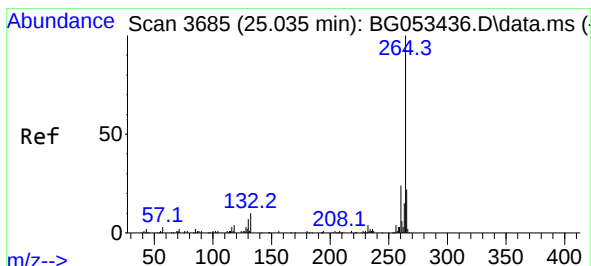
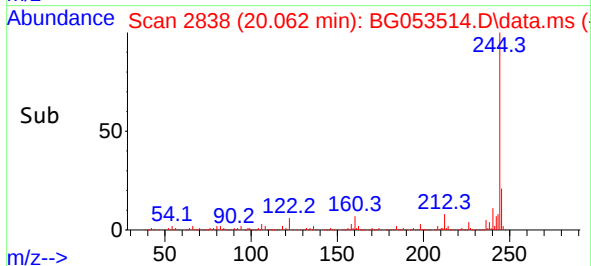
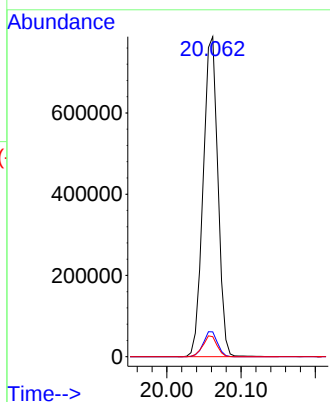
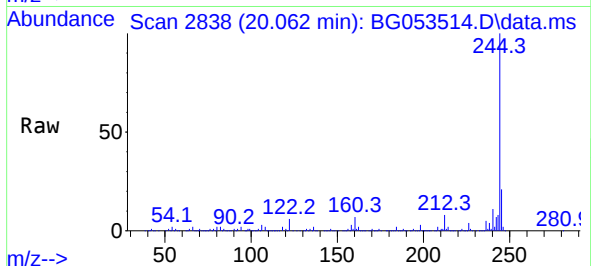




#79  
 Terphenyl-d14  
 Concen: 92.017 ng  
 RT: 20.062 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BG053514.D  
 Acq: 10 May 2022 18:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SP-303-20220505

Tgt Ion:244 Resp: 1085162  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 6.2 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.008 min Scan# 3680  
 Delta R.T. -0.011 min  
 Lab File: BG053514.D  
 Acq: 10 May 2022 18:56

Tgt Ion:264 Resp: 220778  
 Ion Ratio Lower Upper  
 264 100  
 260 23.4 19.0 28.6  
 265 21.6 17.4 26.2

