

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052522\  
 Data File : BG053709.D  
 Acq On : 26 May 2022 1:04  
 Operator : CG/JU  
 Sample : N2893-11  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P004-SS004-0006-01

Quant Time: May 26 02:53:33 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 25 15:11:41 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.990  | 152  | 26253    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.798 | 136  | 105139   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.628 | 164  | 79393    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.371 | 188  | 175258   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.636 | 240  | 169008   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.843 | 264  | 174241   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.558  | 112  | 135434   | 87.552  | ng    | 0.00     |
| 7) Phenol-d6                | 7.161  | 99   | 213148   | 90.792  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.153  | 82   | 146418   | 59.281  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.120 | 330  | 117133   | 100.032 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.247 | 172  | 372332   | 68.530  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.979 | 244  | 658811   | 72.601  | ng    | 0.00     |

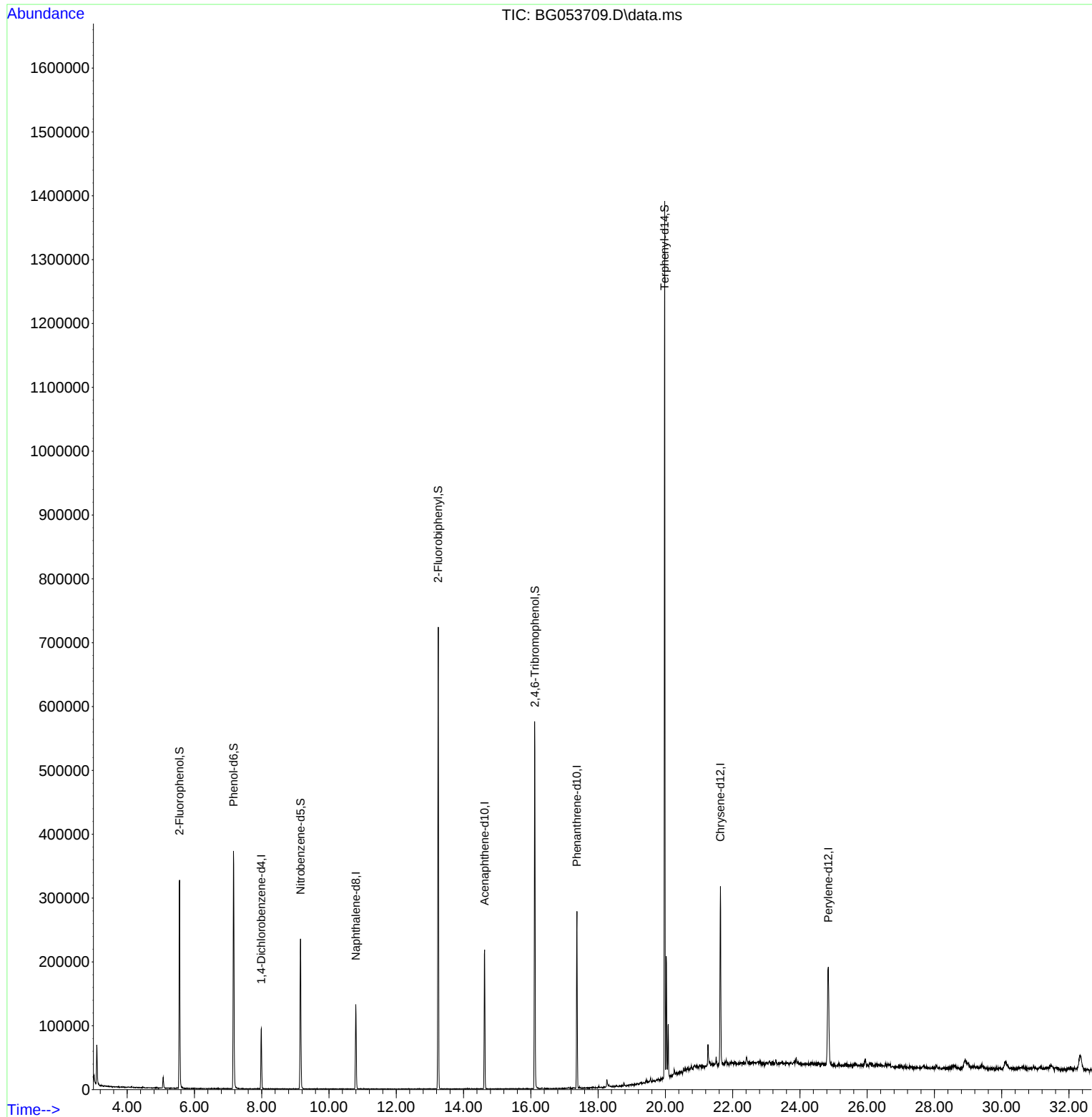
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

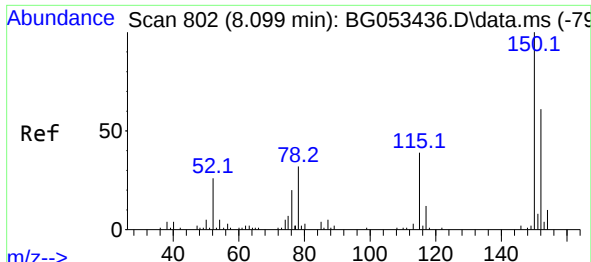
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052522\  
Data File : BG053709.D  
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Instrument :  
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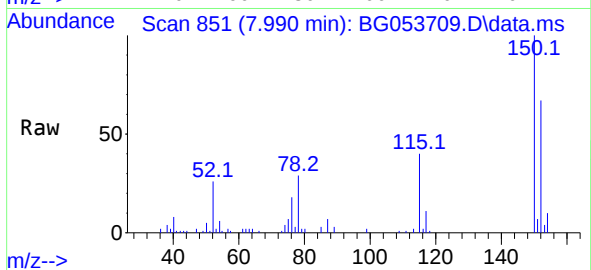
Quant Time: May 26 02:53:33 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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Response via : Initial Calibration



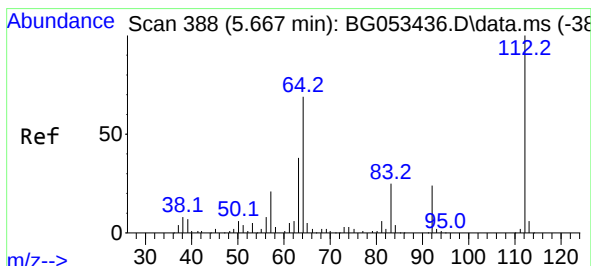
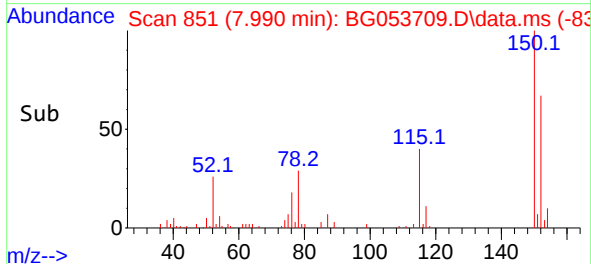
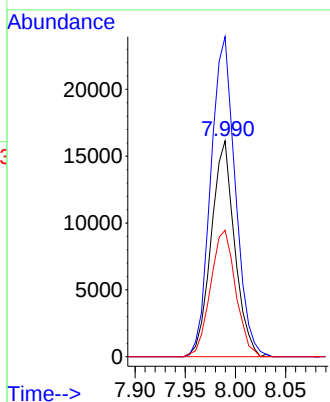


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.990 min Scan# 80  
Delta R.T. 0.004 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

Instrument :  
BNA\_G  
ClientSampleId :  
P004-SS004-0006-01

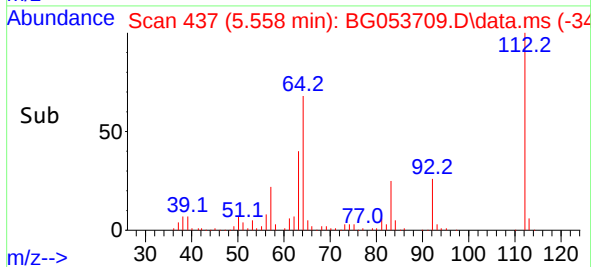
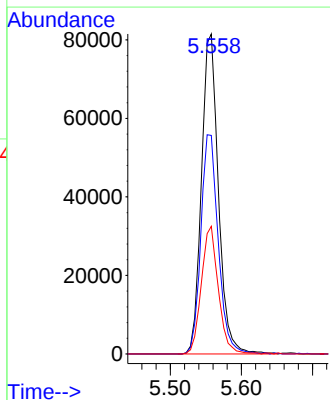
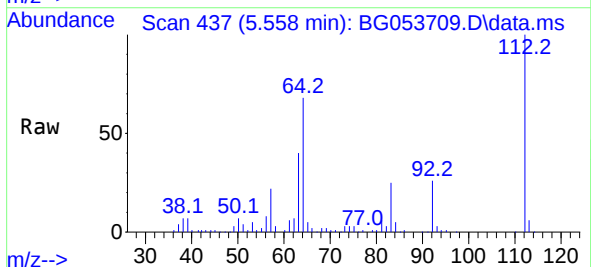


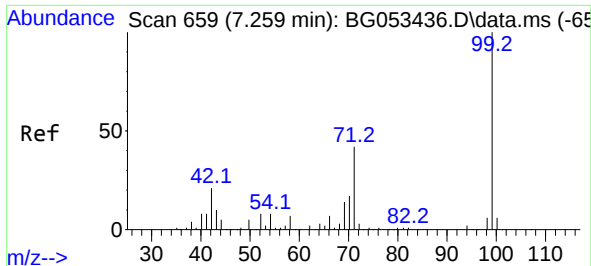
Tgt Ion:152 Resp: 26253  
Ion Ratio Lower Upper  
152 100  
150 148.3 131.6 197.4  
115 58.6 50.9 76.3



#5  
2-Fluorophenol  
Concen: 87.552 ng  
RT: 5.558 min Scan# 437  
Delta R.T. 0.003 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

Tgt Ion:112 Resp: 135434  
Ion Ratio Lower Upper  
112 100  
64 68.3 55.1 82.7  
63 39.9 30.4 45.6

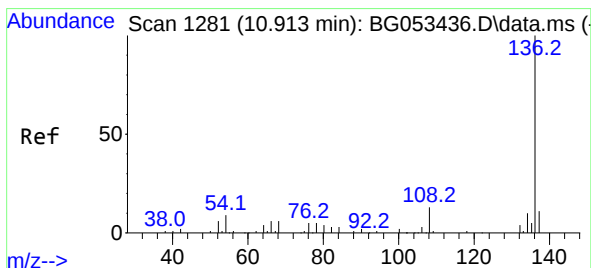
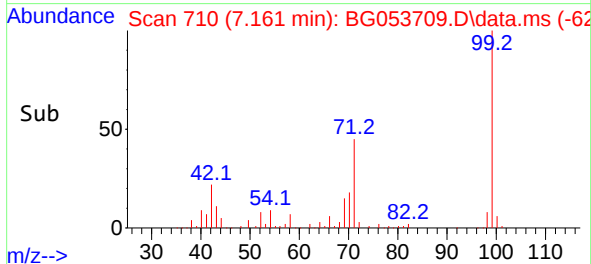
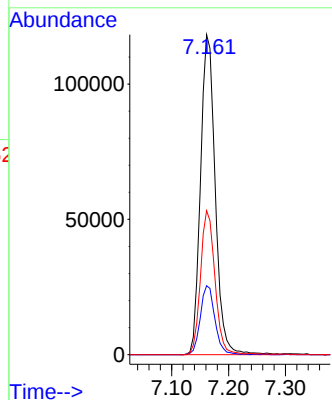
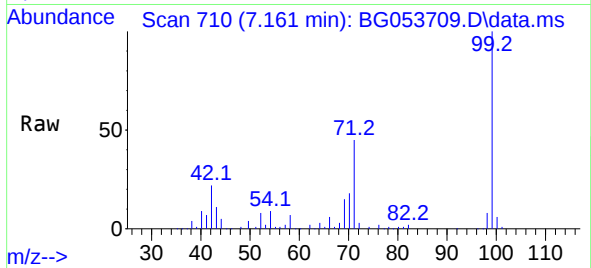




#7  
Phenol-d6  
Concen: 90.792 ng  
RT: 7.161 min Scan# 71  
Delta R.T. -0.002 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

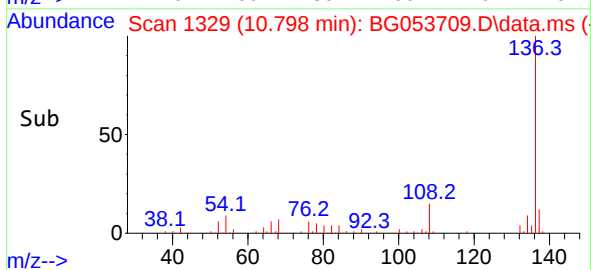
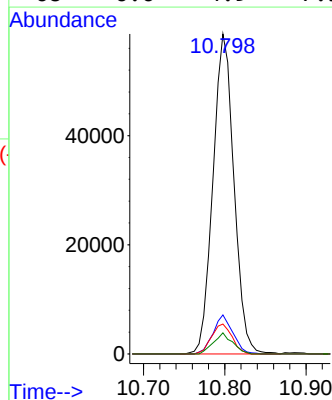
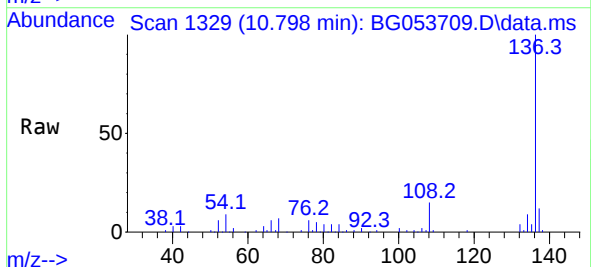
Instrument :  
BNA\_G  
ClientSampleId :  
P004-SS004-0006-01

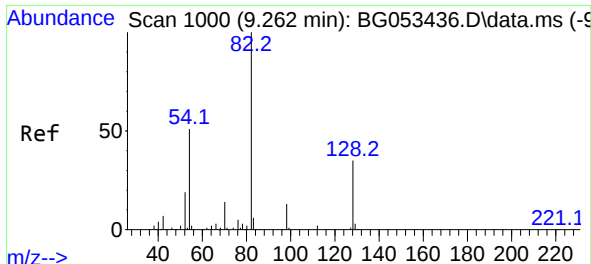
Tgt Ion: 99 Resp: 213148  
Ion Ratio Lower Upper  
99 100  
42 21.5 17.0 25.6  
71 45.0 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.798 min Scan# 1329  
Delta R.T. -0.002 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

Tgt Ion: 136 Resp: 105139  
Ion Ratio Lower Upper  
136 100  
137 12.2 8.5 12.7  
54 9.4 7.4 11.2  
68 6.6 4.9 7.3

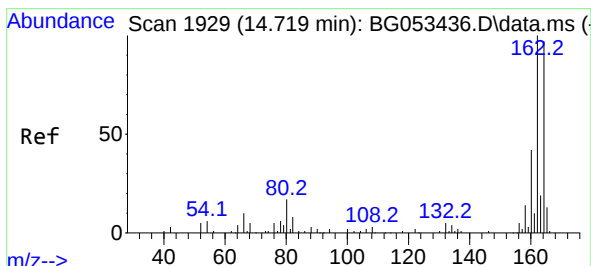
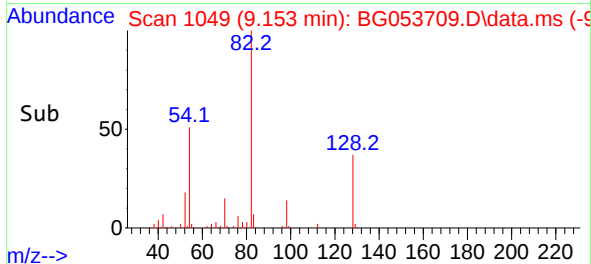
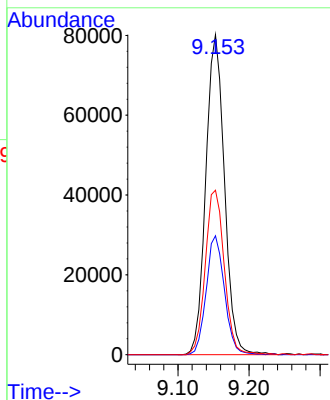
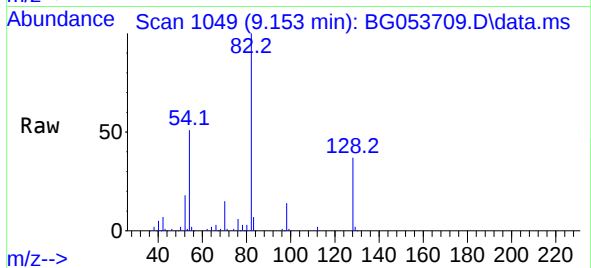




#23  
Nitrobenzene-d5  
Concen: 59.281 ng  
RT: 9.153 min Scan# 1049  
Delta R.T. -0.002 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

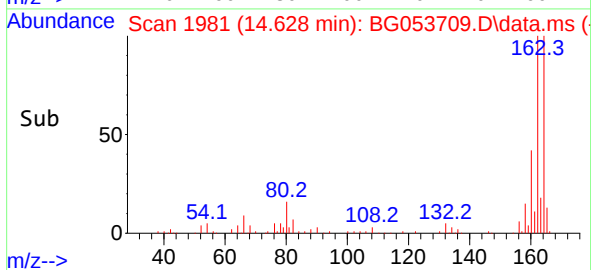
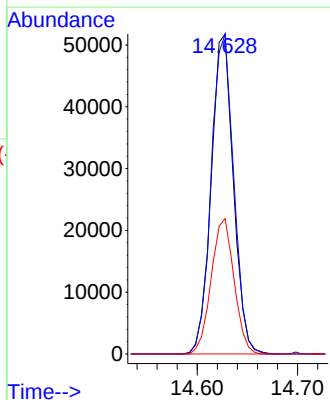
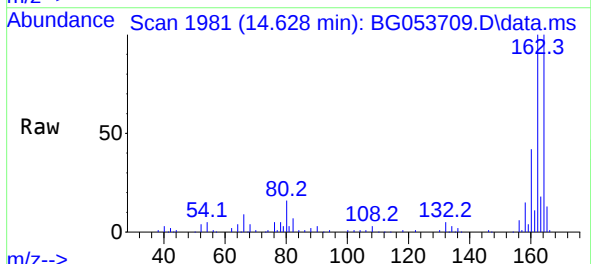
Instrument :  
BNA\_G  
ClientSampleId :  
P004-SS004-0006-01

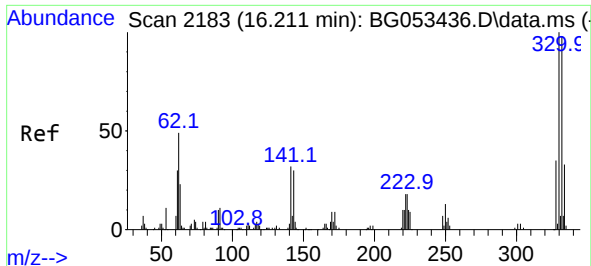
Tgt Ion: 82 Resp: 146418  
Ion Ratio Lower Upper  
82 100  
128 37.1 27.9 41.9  
54 51.4 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.628 min Scan# 1981  
Delta R.T. 0.003 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

Tgt Ion:164 Resp: 79393  
Ion Ratio Lower Upper  
164 100  
162 100.0 82.3 123.5  
160 42.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 100.032 ng

RT: 16.120 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG053709.D

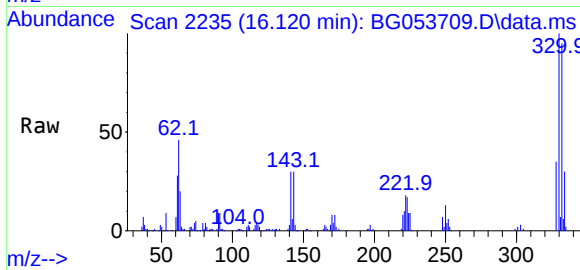
Acq: 26 May 2022 1:04

Instrument :

BNA\_G

ClientSampleId :

P004-SS004-0006-01



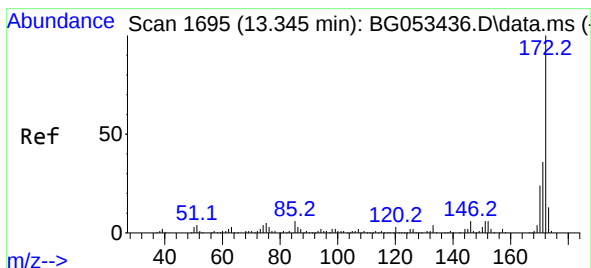
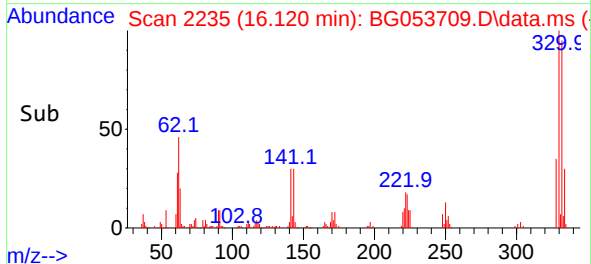
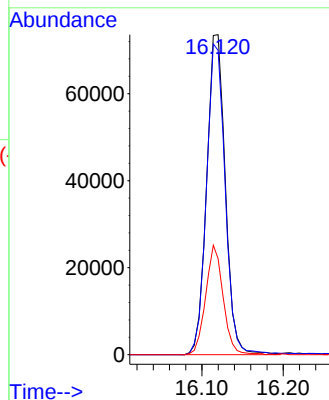
Tgt Ion:330 Resp: 117133

Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

141 32.2 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 68.530 ng

RT: 13.247 min Scan# 1746

Delta R.T. 0.003 min

Lab File: BG053709.D

Acq: 26 May 2022 1:04

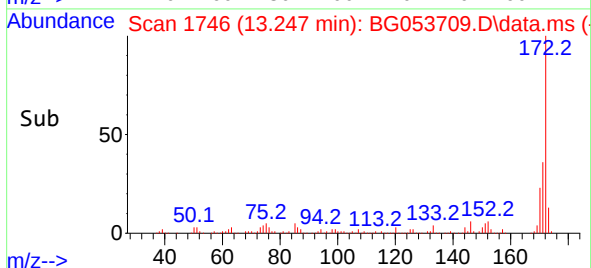
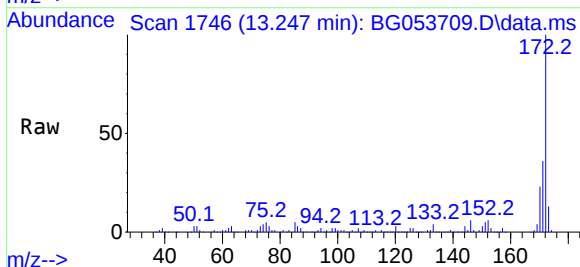
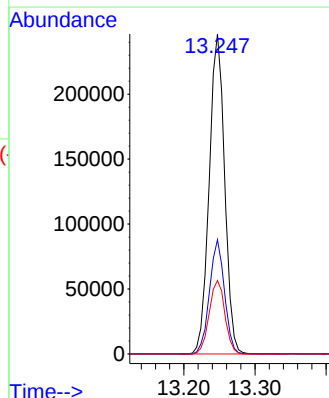
Tgt Ion:172 Resp: 372332

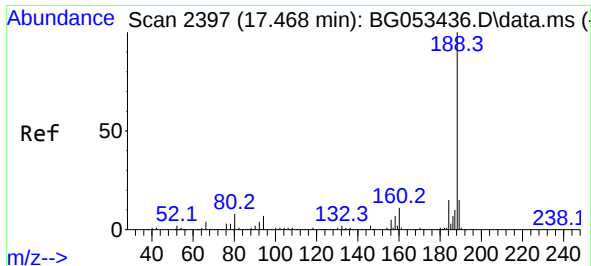
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 23.0 18.9 28.3

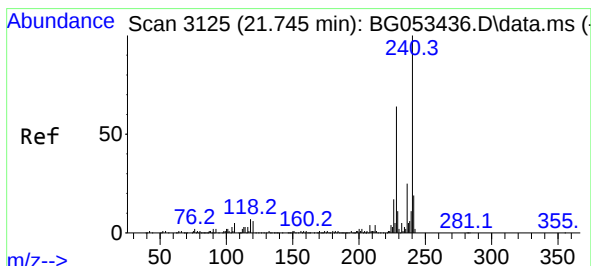
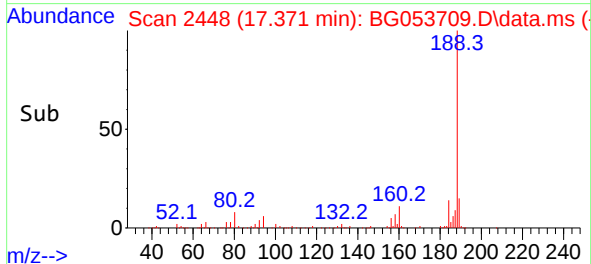
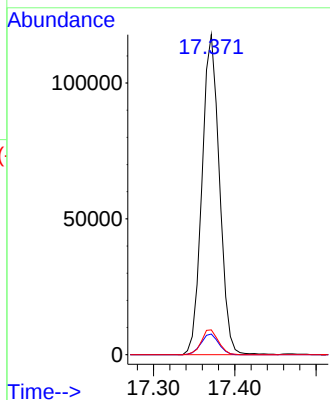
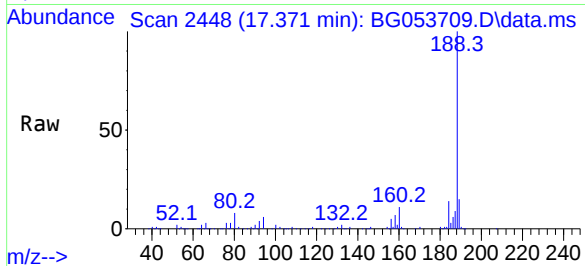




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.371 min Scan# 24  
Delta R.T. -0.002 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

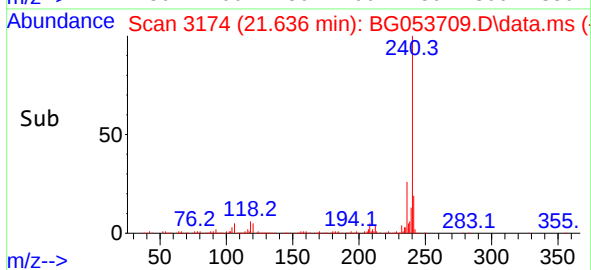
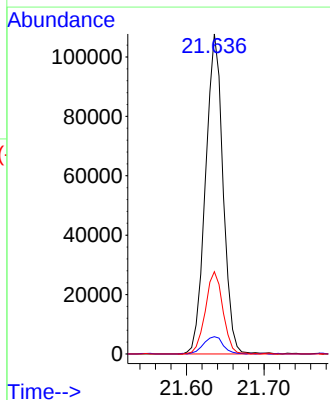
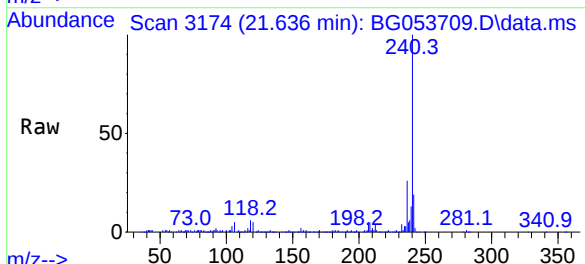
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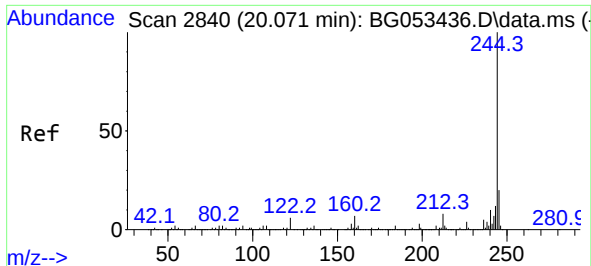
Tgt Ion:188 Resp: 175258  
Ion Ratio Lower Upper  
188 100  
94 6.5 5.4 8.0  
80 7.8 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.636 min Scan# 3174  
Delta R.T. -0.002 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

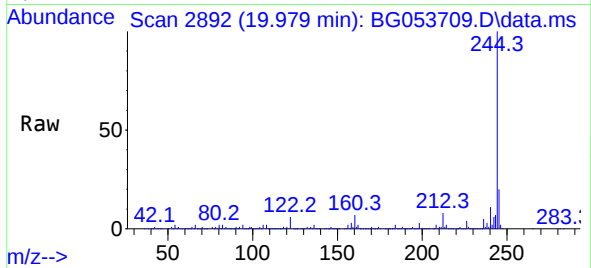
Tgt Ion:240 Resp: 169008  
Ion Ratio Lower Upper  
240 100  
120 5.4 4.6 7.0  
236 25.7 20.2 30.4



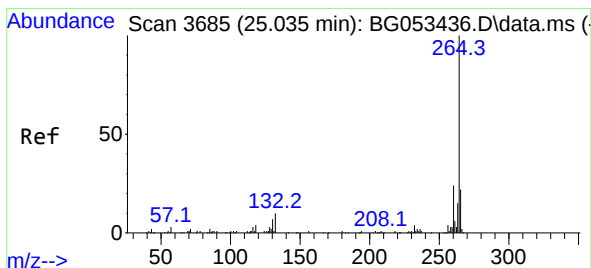
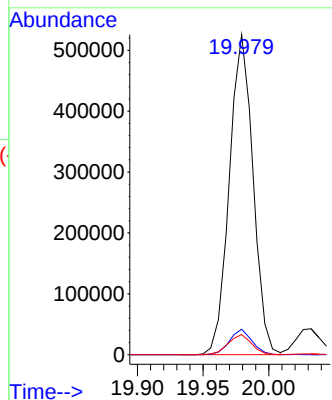


#79  
Terphenyl-d14  
Concen: 72.601 ng  
RT: 19.979 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

Instrument :  
BNA\_G  
ClientSampleId :  
P004-SS004-0006-01



Tgt Ion:244 Resp: 658811  
Ion Ratio Lower Upper  
244 100  
212 8.0 6.5 9.7  
122 6.3 5.0 7.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.843 min Scan# 3720  
Delta R.T. 0.003 min  
Lab File: BG053709.D  
Acq: 26 May 2022 1:04

Tgt Ion:264 Resp: 174241  
Ion Ratio Lower Upper  
264 100  
260 23.4 19.0 28.6  
265 21.7 17.4 26.2

