

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110922\  
 Data File : BG055526.D  
 Acq On : 9 Nov 2022 16:33  
 Operator : CG/JU  
 Sample : PB148847TB  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148847TB

Quant Time: Nov 10 04:30:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG110922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 10 03:39:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.273  | 152  | 48380    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.099 | 136  | 202053   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.888 | 164  | 148016   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.626 | 188  | 363529   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.921 | 240  | 370757   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.347 | 264  | 384457   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.793  | 112  | 435194   | 171.336 | ng    | 0.00     |
| 7) Phenol-d6                | 7.403  | 99   | 561737   | 160.104 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.442  | 82   | 322571   | 108.227 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.369 | 330  | 221092   | 153.090 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.519 | 172  | 847958   | 86.413  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.217 | 244  | 1689443  | 91.525  | ng    | 0.00     |

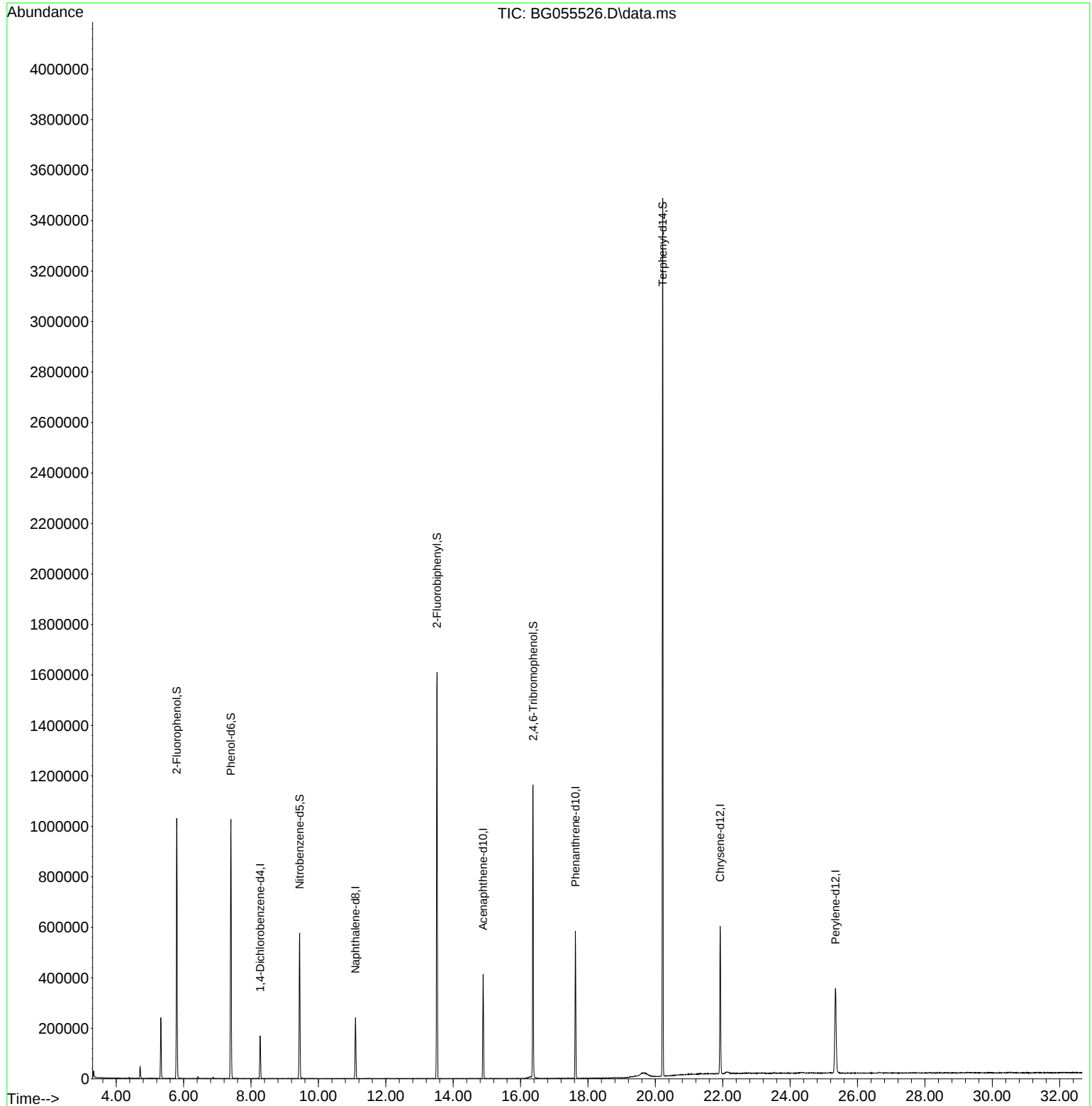
Target Compounds Qvalue

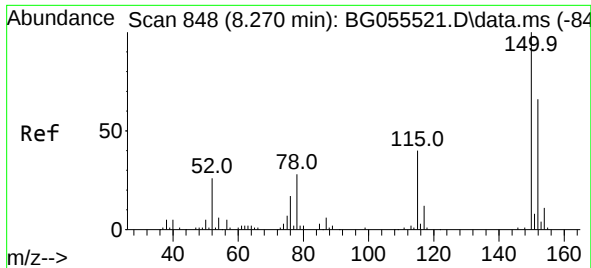
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG110922\  
Data File : BG055526.D  
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Misc :  
ALS Vial : 11 Sample Multiplier: 1

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BNA\_G  
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QLast Update : Thu Nov 10 03:39:46 2022  
Response via : Initial Calibration

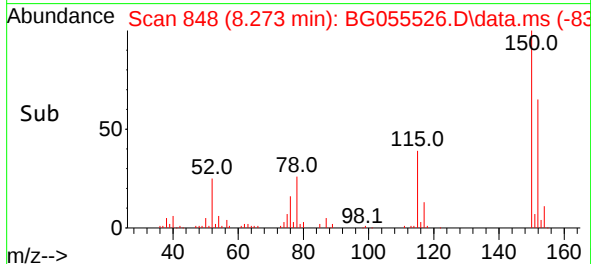
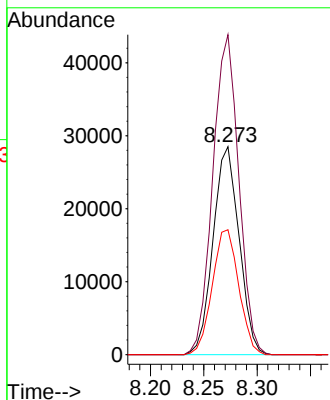
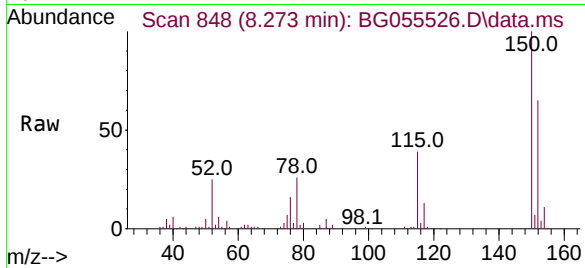




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.273 min Scan# 84  
Delta R.T. 0.003 min  
Lab File: BG055526.D  
Acq: 9 Nov 2022 16:33

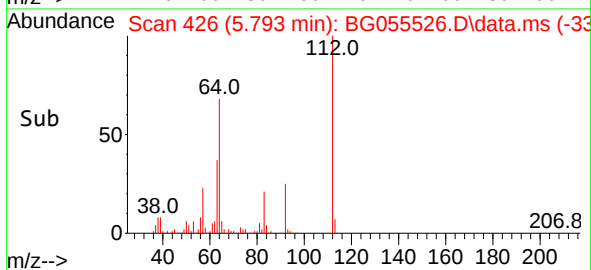
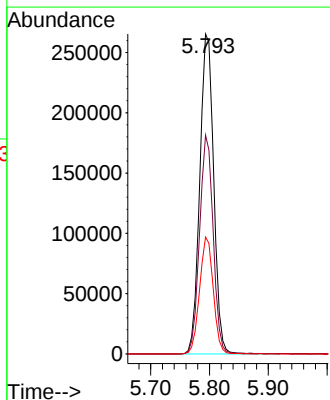
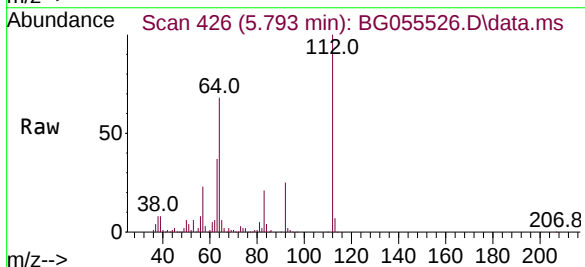
Instrument :  
BNA\_G  
ClientSampleId :  
PB148847TB

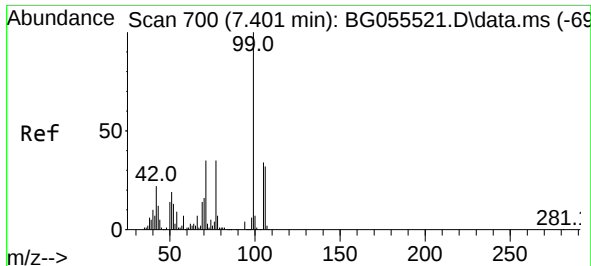
Tgt Ion:152 Resp: 48380  
Ion Ratio Lower Upper  
152 100  
150 153.9 121.0 181.4  
115 60.1 47.8 71.8



#5  
2-Fluorophenol  
Concen: 171.336 ng  
RT: 5.793 min Scan# 426  
Delta R.T. 0.002 min  
Lab File: BG055526.D  
Acq: 9 Nov 2022 16:33

Tgt Ion:112 Resp: 435194  
Ion Ratio Lower Upper  
112 100  
64 68.4 52.6 78.8  
63 36.5 28.3 42.5

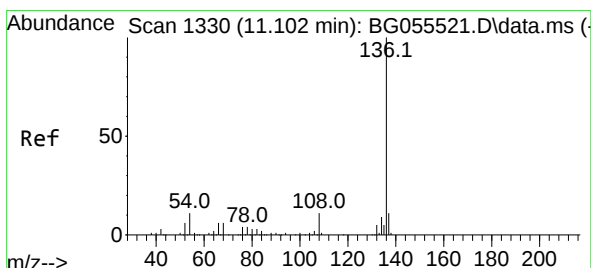
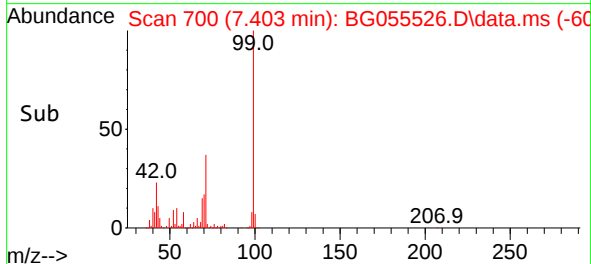
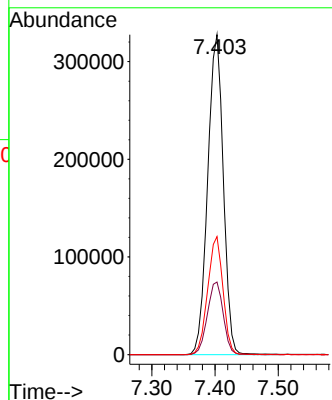
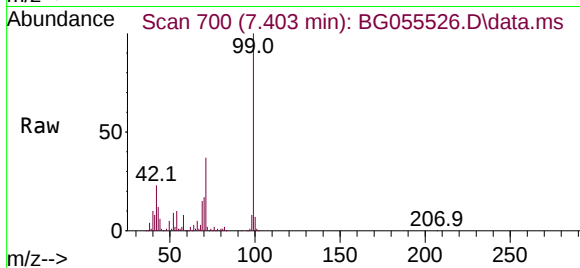




#7  
Phenol-d6  
Concen: 160.104 ng  
RT: 7.403 min Scan# 700  
Delta R.T. 0.002 min  
Lab File: BG055526.D  
Acq: 9 Nov 2022 16:33

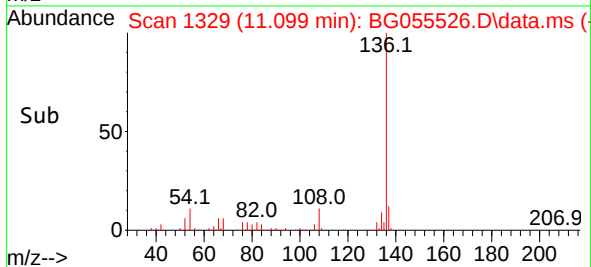
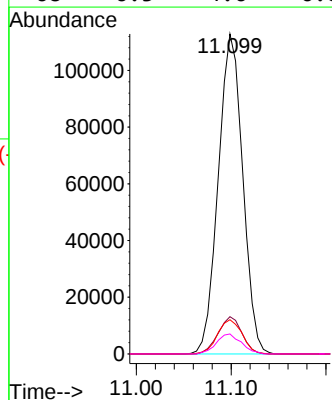
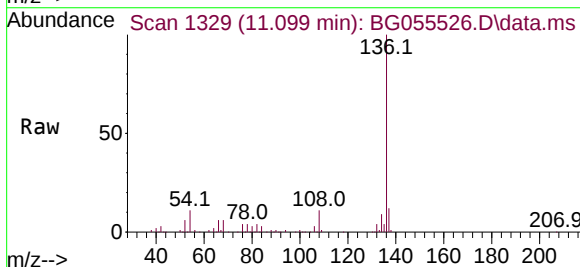
Instrument :  
BNA\_G  
ClientSampleId :  
PB148847TB

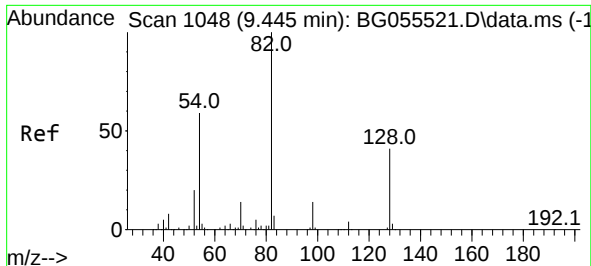
Tgt Ion: 99 Resp: 561737  
Ion Ratio Lower Upper  
99 100  
42 22.7 17.5 26.3  
71 36.9 28.3 42.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.099 min Scan# 1329  
Delta R.T. -0.003 min  
Lab File: BG055526.D  
Acq: 9 Nov 2022 16:33

Tgt Ion: 136 Resp: 202053  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.6 12.8  
54 10.7 8.6 12.8  
68 6.3 4.6 6.8





#23

Nitrobenzene-d5

Concen: 108.227 ng

RT: 9.442 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG055526.D

Acq: 9 Nov 2022 16:33

Instrument :

BNA\_G

ClientSampleId :

PB148847B

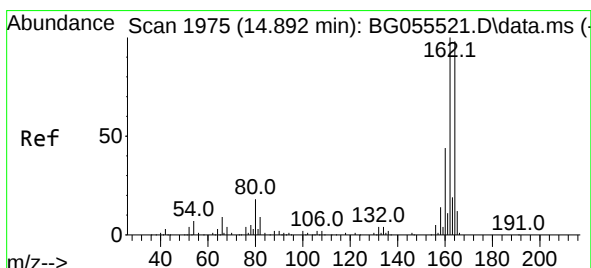
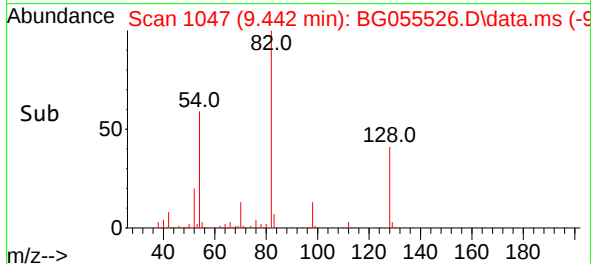
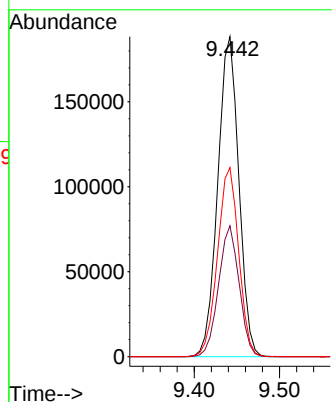
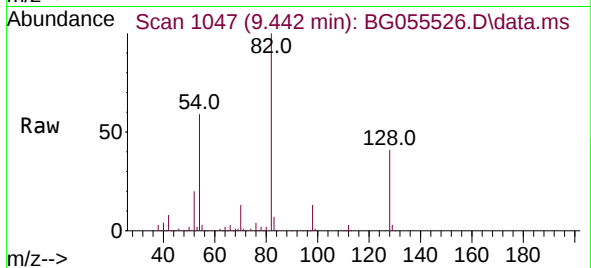
Tgt Ion: 82 Resp: 322571

Ion Ratio Lower Upper

82 100

128 40.9 32.6 49.0

54 59.1 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.888 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG055526.D

Acq: 9 Nov 2022 16:33

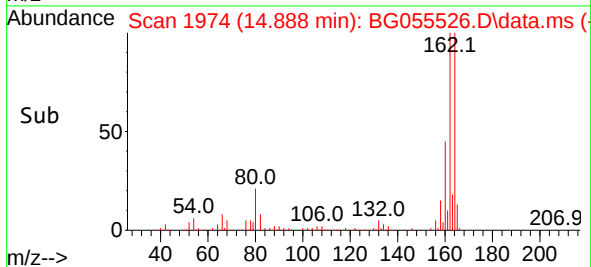
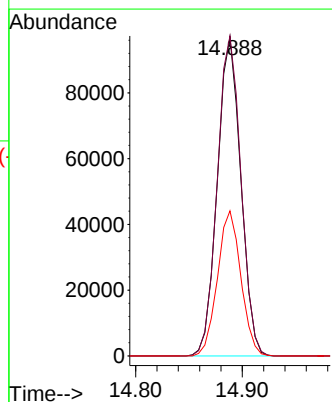
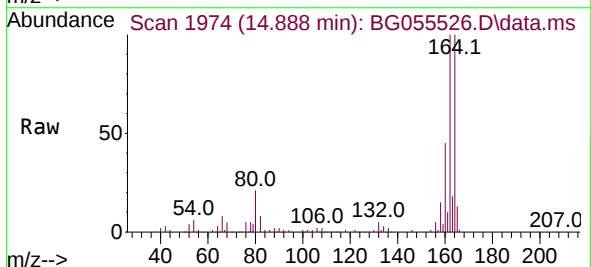
Tgt Ion: 164 Resp: 148016

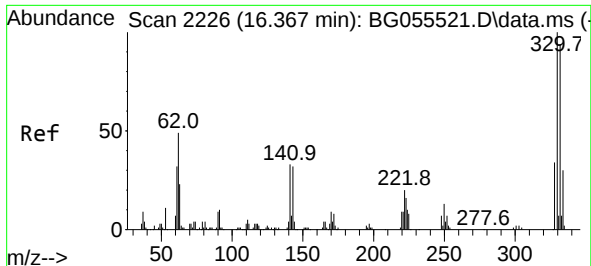
Ion Ratio Lower Upper

164 100

162 100.4 81.3 121.9

160 45.5 35.9 53.9

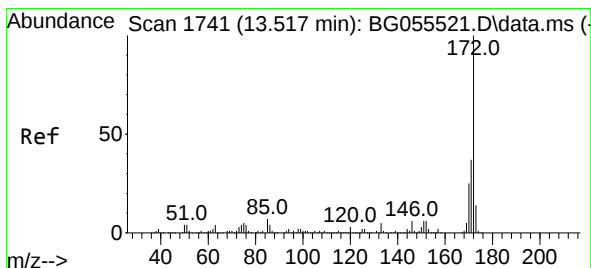
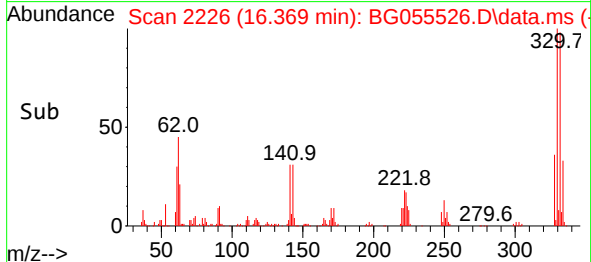
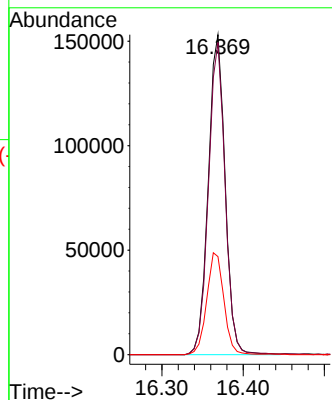
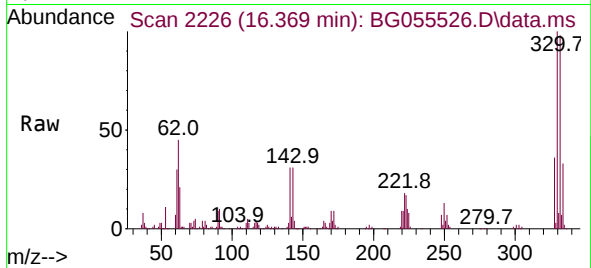




#42  
 2,4,6-Tribromophenol  
 Concen: 153.090 ng  
 RT: 16.369 min Scan# 2226  
 Delta R.T. 0.002 min  
 Lab File: BG055526.D  
 Acq: 9 Nov 2022 16:33

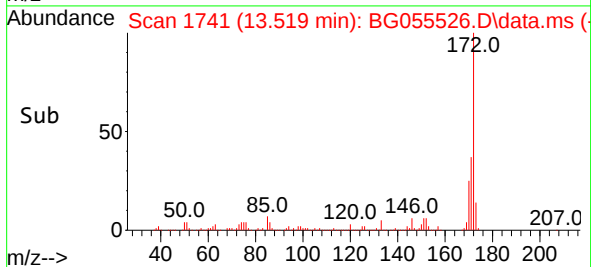
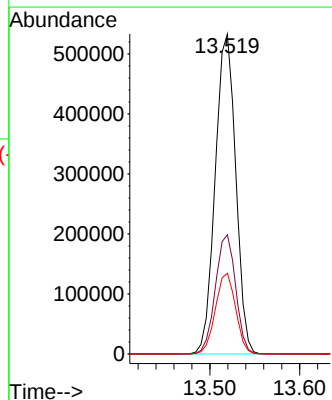
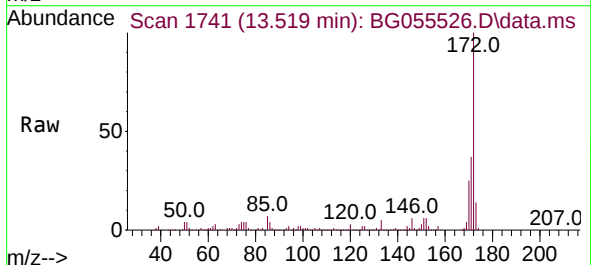
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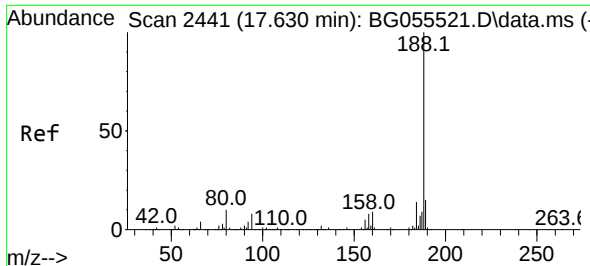
Tgt Ion:330 Resp: 221092  
 Ion Ratio Lower Upper  
 330 100  
 332 96.5 77.4 116.2  
 141 32.3 25.4 38.2



#45  
 2-Fluorobiphenyl  
 Concen: 86.413 ng  
 RT: 13.519 min Scan# 1741  
 Delta R.T. 0.002 min  
 Lab File: BG055526.D  
 Acq: 9 Nov 2022 16:33

Tgt Ion:172 Resp: 847958  
 Ion Ratio Lower Upper  
 172 100  
 171 37.2 29.7 44.5  
 170 25.2 19.8 29.6

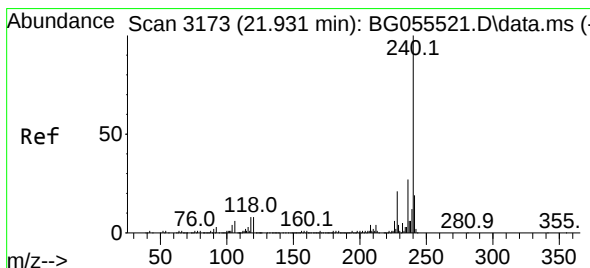
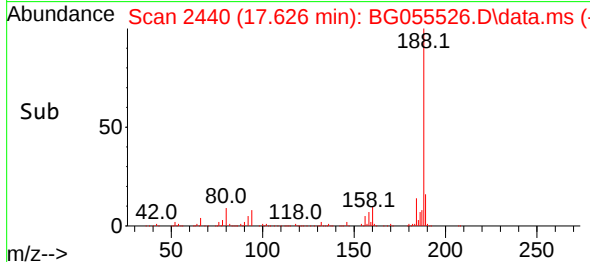
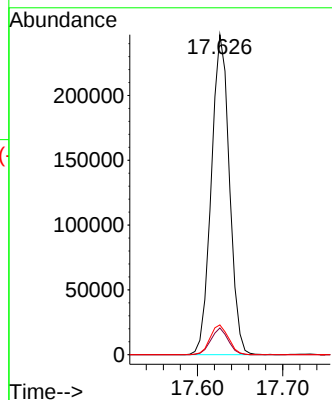
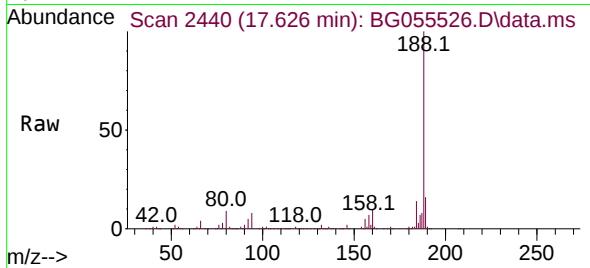




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.626 min Scan# 2441  
Delta R.T. -0.004 min  
Lab File: BG055526.D  
Acq: 9 Nov 2022 16:33

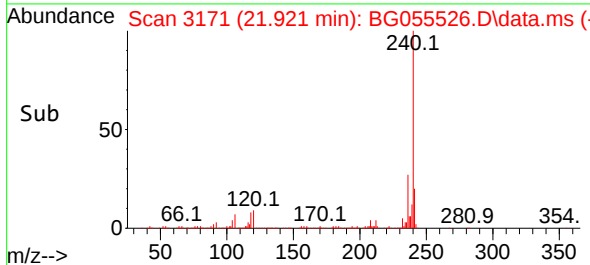
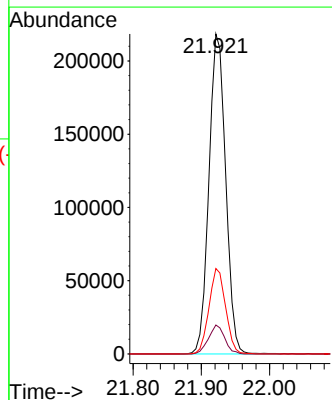
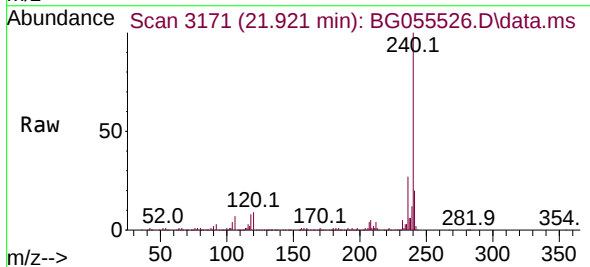
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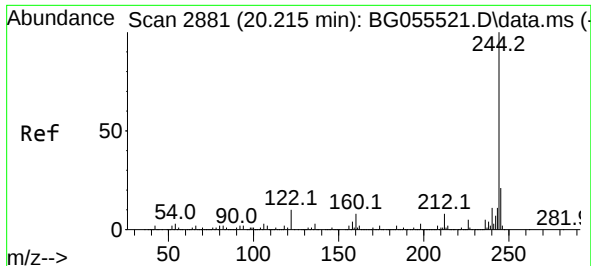
Tgt Ion:188 Resp: 363529  
Ion Ratio Lower Upper  
188 100  
94 8.3 6.4 9.6  
80 9.3 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.921 min Scan# 3171  
Delta R.T. -0.010 min  
Lab File: BG055526.D  
Acq: 9 Nov 2022 16:33

Tgt Ion:240 Resp: 370757  
Ion Ratio Lower Upper  
240 100  
120 9.0 6.1 9.1  
236 26.7 21.4 32.0

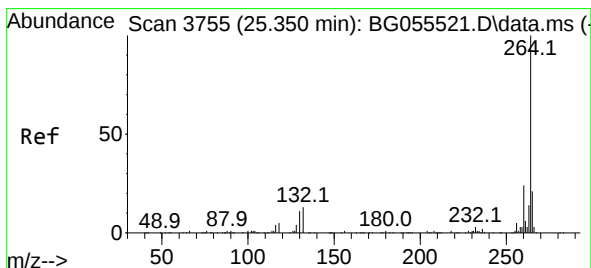
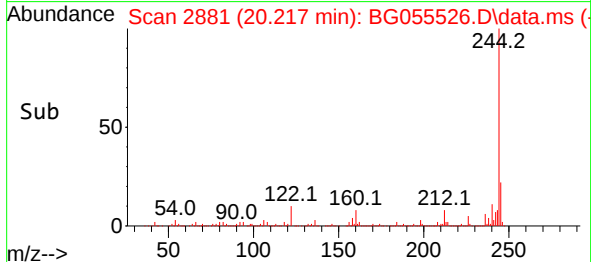
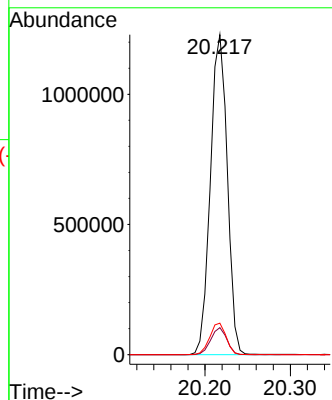
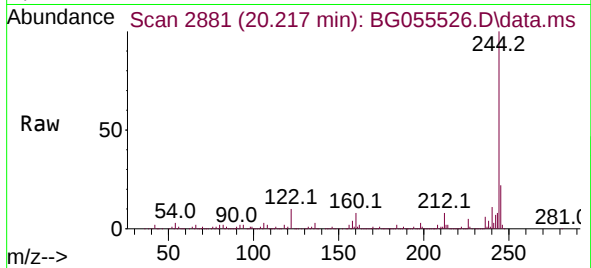




#79  
 Terphenyl-d14  
 Concen: 91.525 ng  
 RT: 20.217 min Scan# 2881  
 Delta R.T. 0.002 min  
 Lab File: BG055526.D  
 Acq: 9 Nov 2022 16:33

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB148847TB

Tgt Ion:244 Resp: 1689443  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 6.5 9.7  
 122 9.8 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.347 min Scan# 3754  
 Delta R.T. -0.003 min  
 Lab File: BG055526.D  
 Acq: 9 Nov 2022 16:33

Tgt Ion:264 Resp: 384457  
 Ion Ratio Lower Upper  
 264 100  
 260 25.3 19.4 29.2  
 265 21.9 17.1 25.7

