

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111022\  
 Data File : BG055556.D  
 Acq On : 11 Nov 2022 2:28  
 Operator : CG/JU  
 Sample : N5494-03  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-18

Quant Time: Nov 11 03:07:50 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   | 8.270  | 152  | 44175    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.096 | 136  | 184385   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.886 | 164  | 126444   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.624 | 188  | 297178   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.919 | 240  | 299532   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12            | 25.338 | 264  | 308420   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.796  | 112  | 319680   | 137.839 | ng    | 0.00     |
| 7) Phenol-d6                | 7.400  | 99   | 427618   | 133.479 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.439  | 82   | 257380   | 94.629  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.366 | 330  | 180929   | 146.653 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.511 | 172  | 639807   | 76.325  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.215 | 244  | 1097605  | 73.602  | ng    | 0.00     |

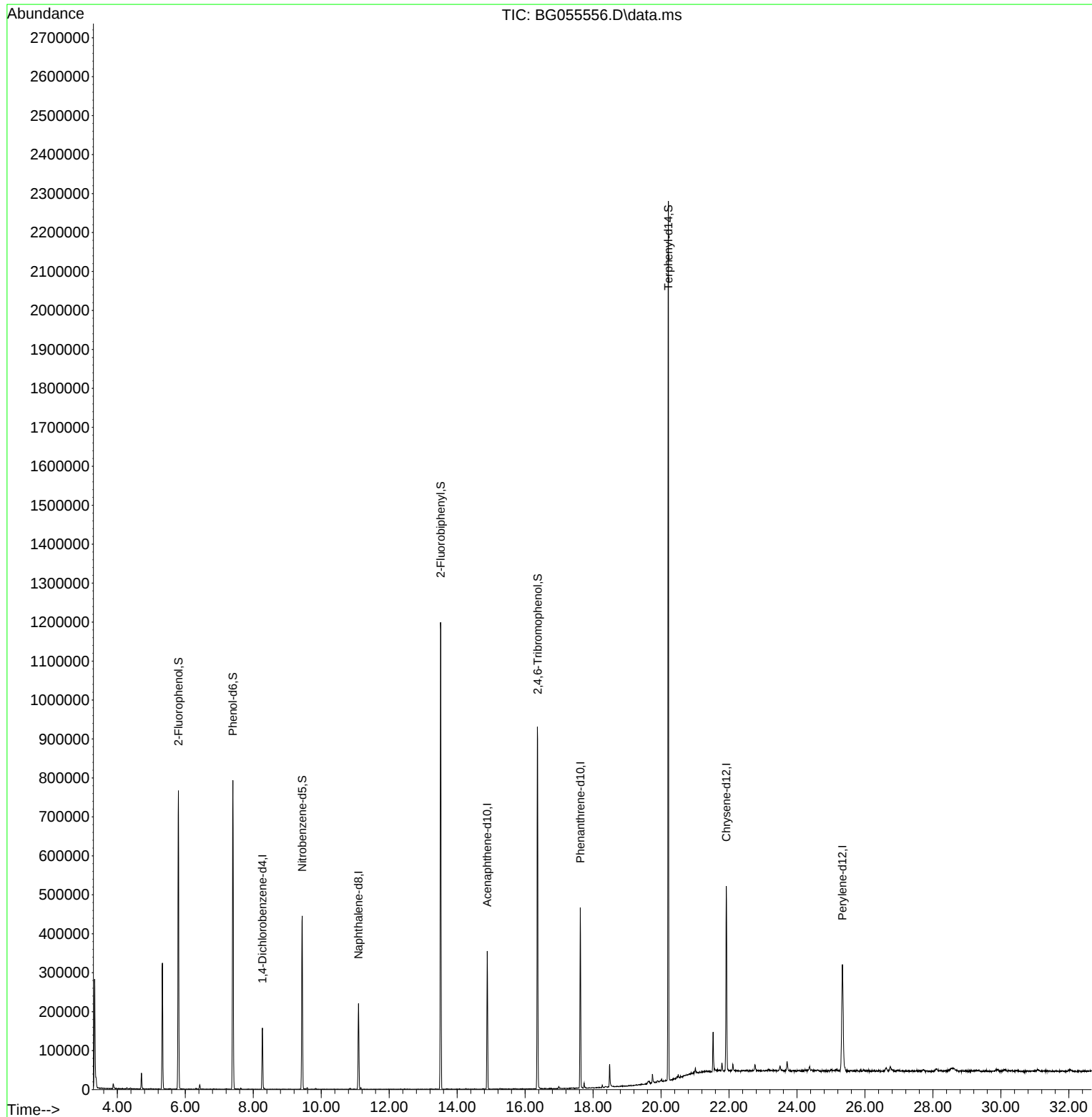
Target Compounds Qvalue

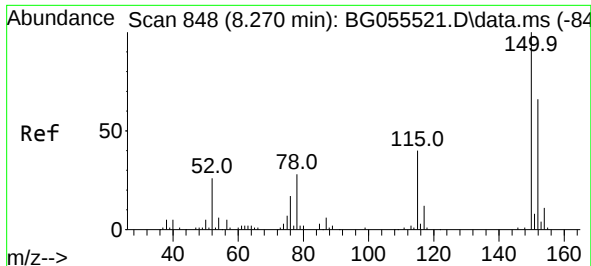
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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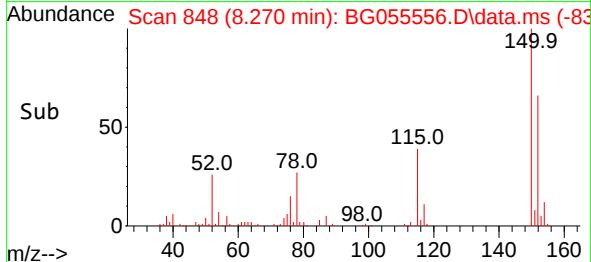
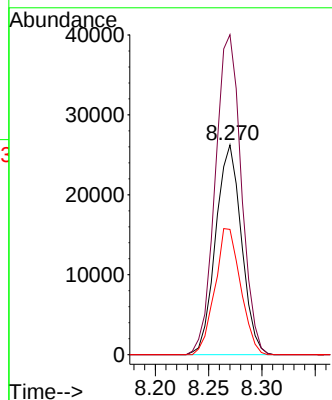
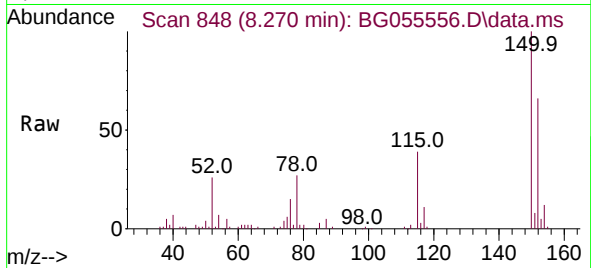




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.270 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BG055556.D  
Acq: 11 Nov 2022 2:28

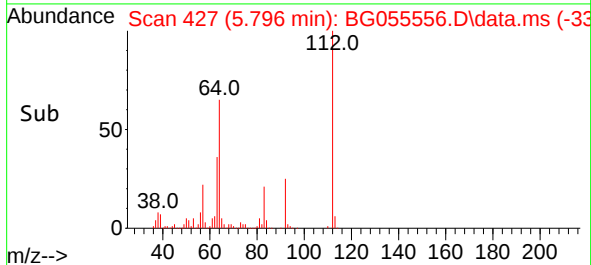
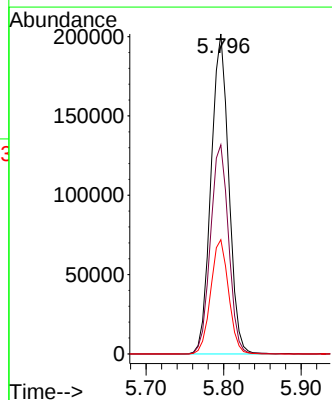
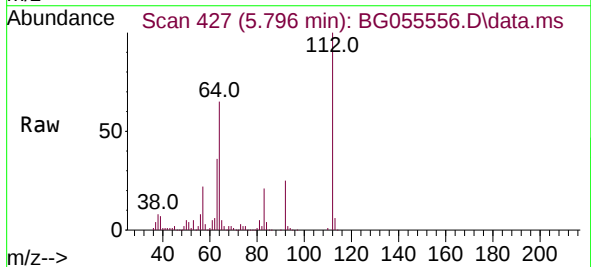
Instrument :  
BNA\_G  
ClientSampleId :  
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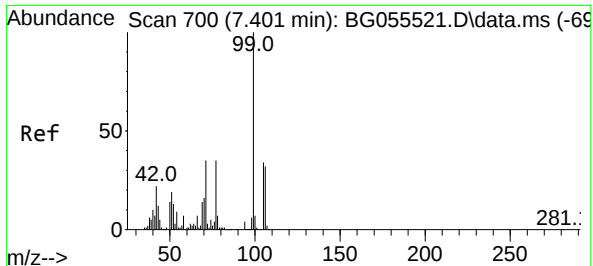
Tgt Ion:152 Resp: 44175  
Ion Ratio Lower Upper  
152 100  
150 152.6 121.0 181.4  
115 59.7 47.8 71.8



#5  
2-Fluorophenol  
Concen: 137.839 ng  
RT: 5.796 min Scan# 427  
Delta R.T. 0.005 min  
Lab File: BG055556.D  
Acq: 11 Nov 2022 2:28

Tgt Ion:112 Resp: 319680  
Ion Ratio Lower Upper  
112 100  
64 65.3 52.6 78.8  
63 35.7 28.3 42.5

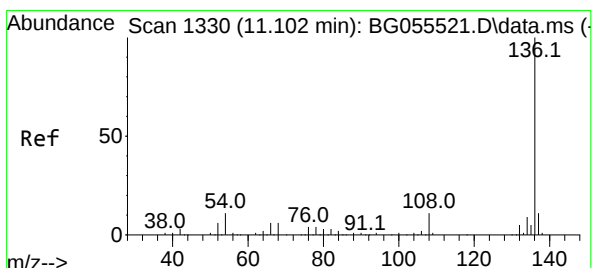
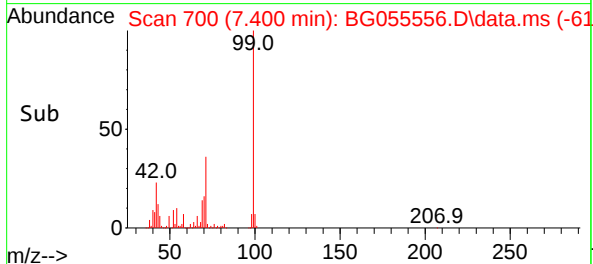
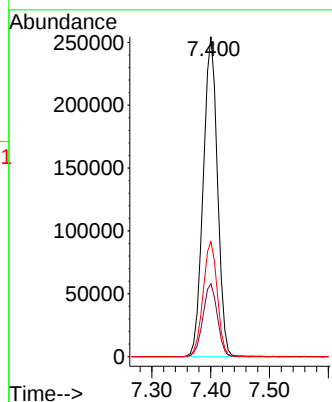
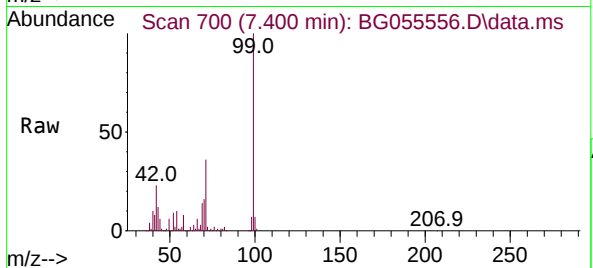




#7  
Phenol-d6  
Concen: 133.479 ng  
RT: 7.400 min Scan# 700  
Delta R.T. -0.001 min  
Lab File: BG055556.D  
Acq: 11 Nov 2022 2:28

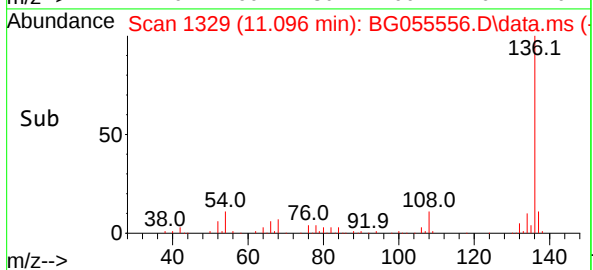
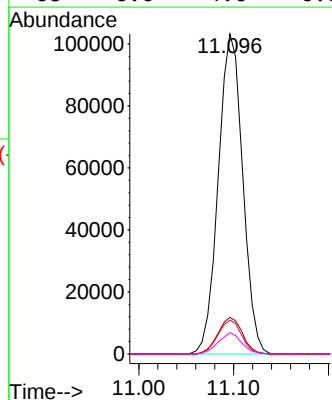
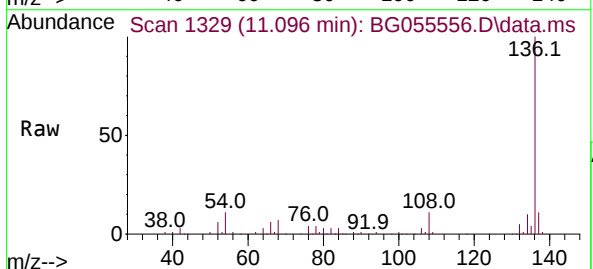
Instrument :  
BNA\_G  
ClientSampleId :  
SB-18

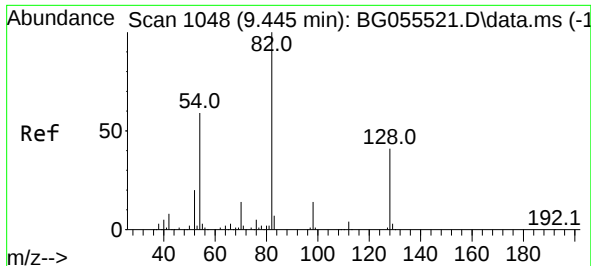
Tgt Ion: 99 Resp: 427618  
Ion Ratio Lower Upper  
99 100  
42 22.8 17.5 26.3  
71 35.9 28.3 42.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.096 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BG055556.D  
Acq: 11 Nov 2022 2:28

Tgt Ion: 136 Resp: 184385  
Ion Ratio Lower Upper  
136 100  
137 11.4 8.6 12.8  
54 10.6 8.6 12.8  
68 6.6 4.6 6.8





#23

Nitrobenzene-d5

Concen: 94.629 ng

RT: 9.439 min Scan# 1047

Delta R.T. -0.006 min

Lab File: BG055556.D

Acq: 11 Nov 2022 2:28

Instrument :

BNA\_G

ClientSampleId :

SB-18

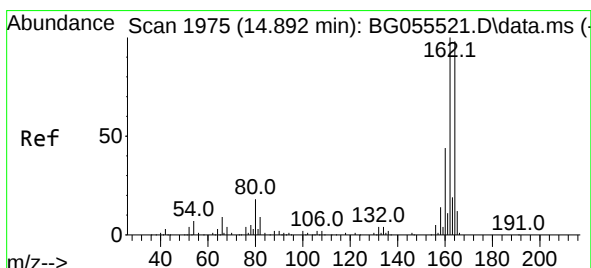
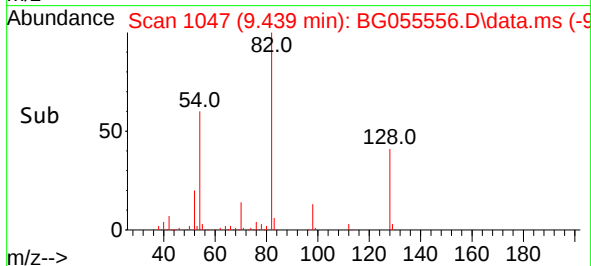
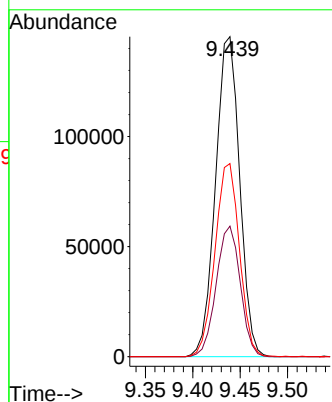
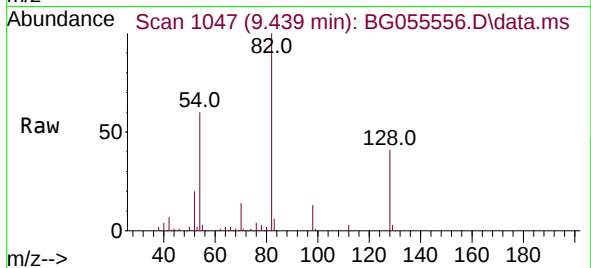
Tgt Ion: 82 Resp: 257380

Ion Ratio Lower Upper

82 100

128 40.8 32.6 49.0

54 60.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.886 min Scan# 1974

Delta R.T. -0.006 min

Lab File: BG055556.D

Acq: 11 Nov 2022 2:28

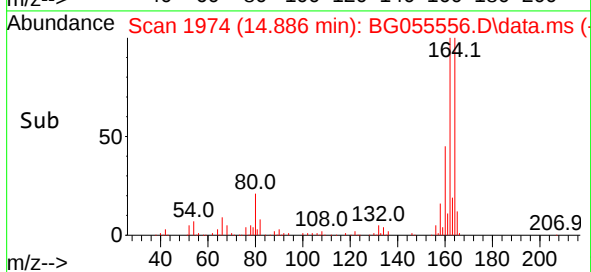
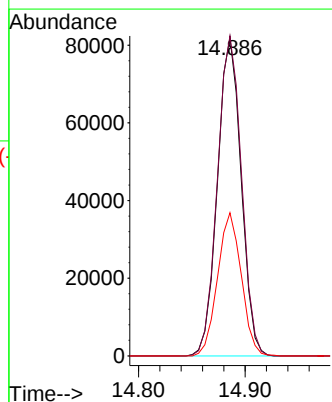
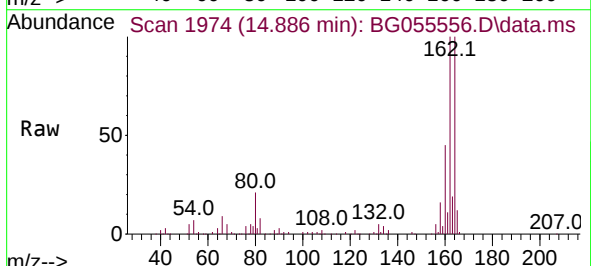
Tgt Ion: 164 Resp: 126444

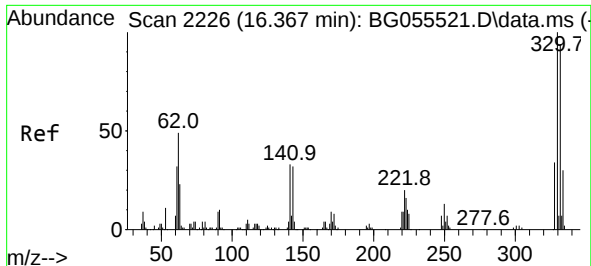
Ion Ratio Lower Upper

164 100

162 100.5 81.3 121.9

160 44.9 35.9 53.9

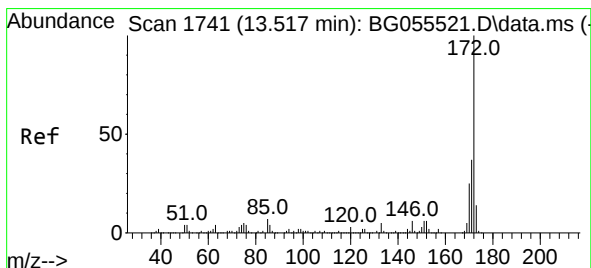
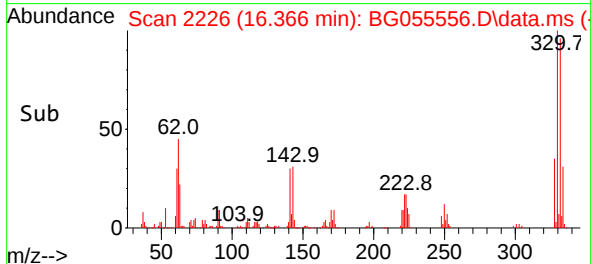
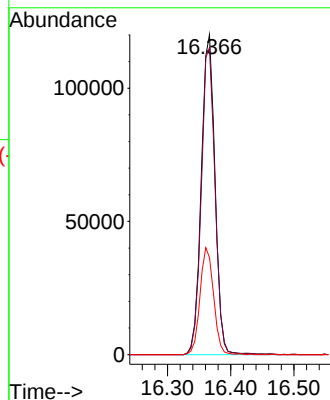
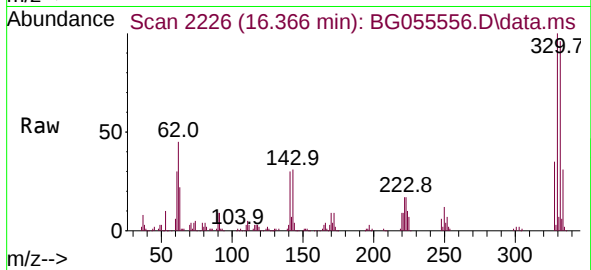




#42  
2,4,6-Tribromophenol  
Concen: 146.653 ng  
RT: 16.366 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG055556.D  
Acq: 11 Nov 2022 2:28

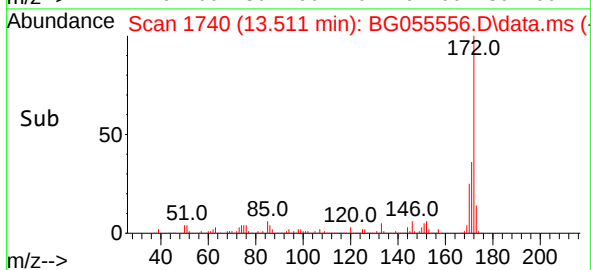
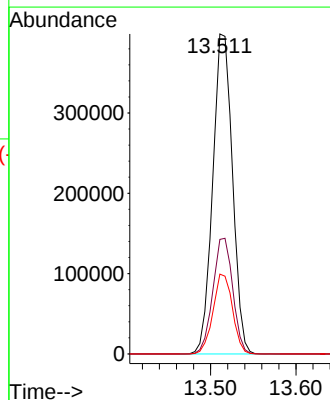
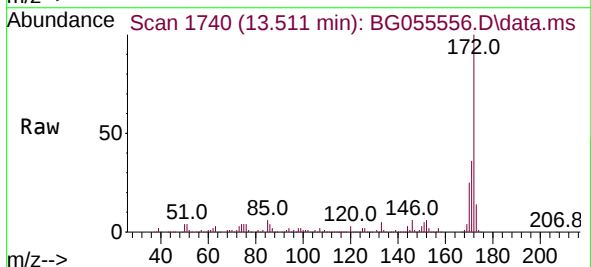
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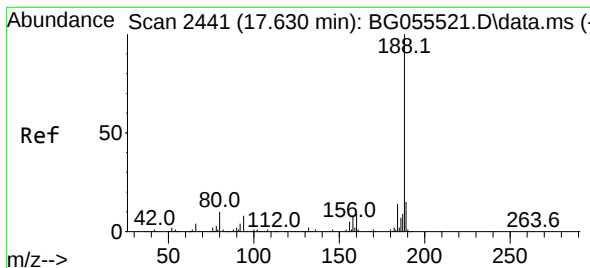
Tgt Ion:330 Resp: 180929  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.4 116.2  
141 33.1 25.4 38.2



#45  
2-Fluorobiphenyl  
Concen: 76.325 ng  
RT: 13.511 min Scan# 1740  
Delta R.T. -0.006 min  
Lab File: BG055556.D  
Acq: 11 Nov 2022 2:28

Tgt Ion:172 Resp: 639807  
Ion Ratio Lower Upper  
172 100  
171 35.8 29.7 44.5  
170 24.9 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.624 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BG055556.D

Acq: 11 Nov 2022 2:28

Instrument :

BNA\_G

ClientSampleId :

SB-18

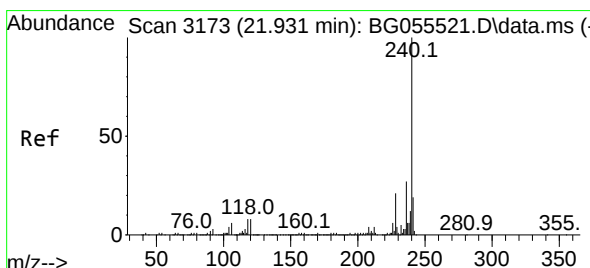
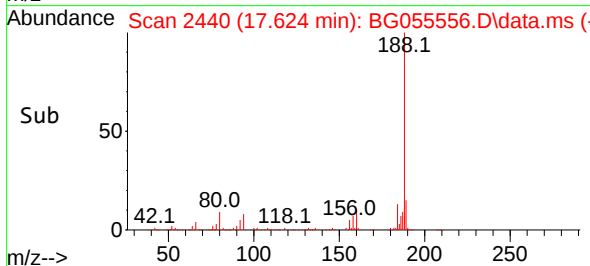
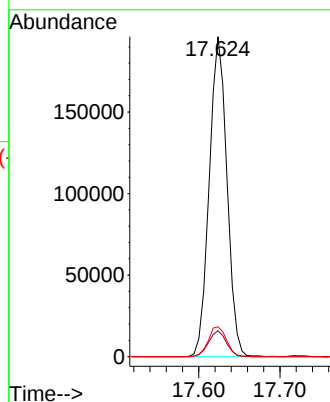
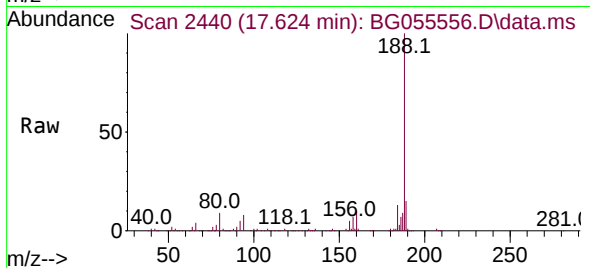
Tgt Ion:188 Resp: 297178

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 9.3 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 3171

Delta R.T. -0.012 min

Lab File: BG055556.D

Acq: 11 Nov 2022 2:28

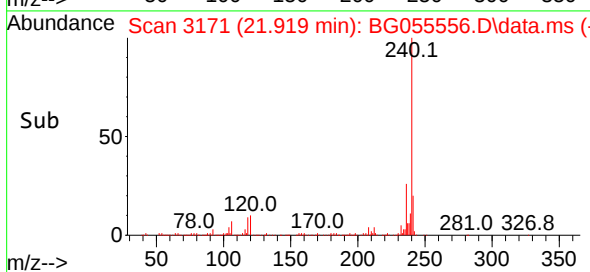
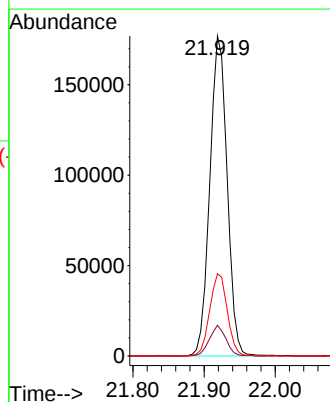
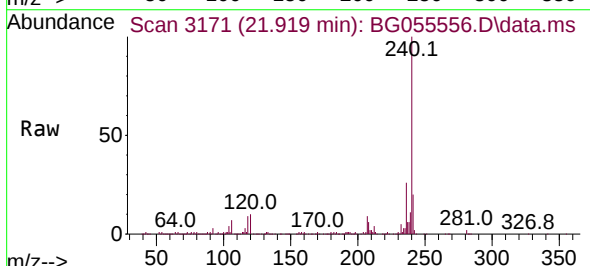
Tgt Ion:240 Resp: 299532

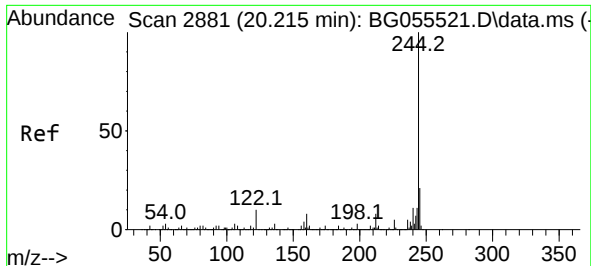
Ion Ratio Lower Upper

240 100

120 9.6 6.1 9.1#

236 25.7 21.4 32.0

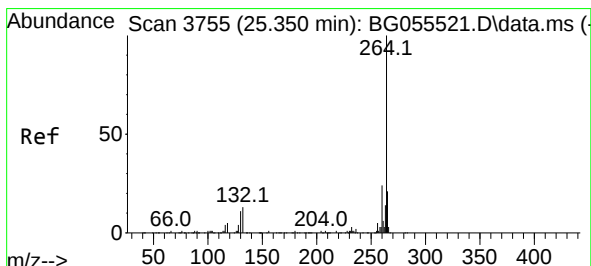
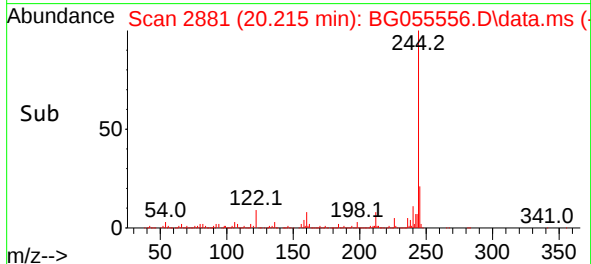
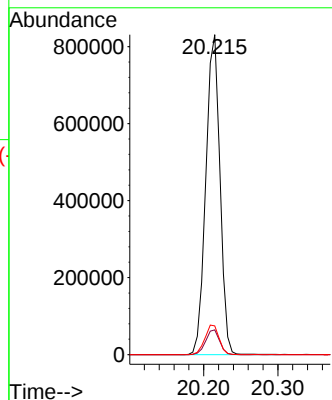
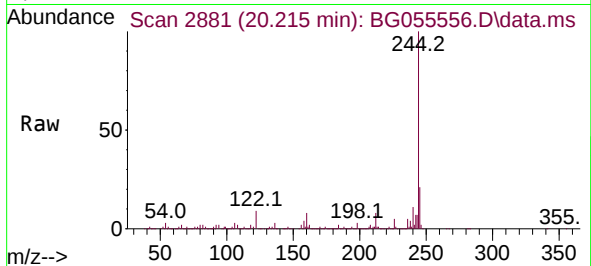




#79  
 Terphenyl-d14  
 Concen: 73.602 ng  
 RT: 20.215 min Scan# 2881  
 Delta R.T. -0.000 min  
 Lab File: BG055556.D  
 Acq: 11 Nov 2022 2:28

Instrument :  
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Tgt Ion:244 Resp: 1097605  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 9.0 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.338 min Scan# 3753  
 Delta R.T. -0.012 min  
 Lab File: BG055556.D  
 Acq: 11 Nov 2022 2:28

Tgt Ion:264 Resp: 308420  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.4 29.2  
 265 21.3 17.1 25.7

