

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040423\  
 Data File : BG056982.D  
 Acq On : 5 Apr 2023 2:31  
 Operator : CG/JU  
 Sample : 02166-01 2X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HR-01-033123

Quant Time: Apr 05 04:14:28 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 03:23:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.419  | 152  | 24223    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.262 | 136  | 96115    | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.034 | 164  | 60627    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.771 | 188  | 120844   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 22.095 | 240  | 104554   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.649 | 264  | 94458    | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.928  | 112  | 55285    | 36.528 | ng    | 0.00     |
| 7) Phenol-d6                | 7.550  | 99   | 79694    | 35.206 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.594  | 82   | 52626    | 22.404 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.508 | 330  | 32215    | 33.262 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.653 | 172  | 115255   | 25.778 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.344 | 244  | 152089   | 24.615 | ng    | 0.00     |

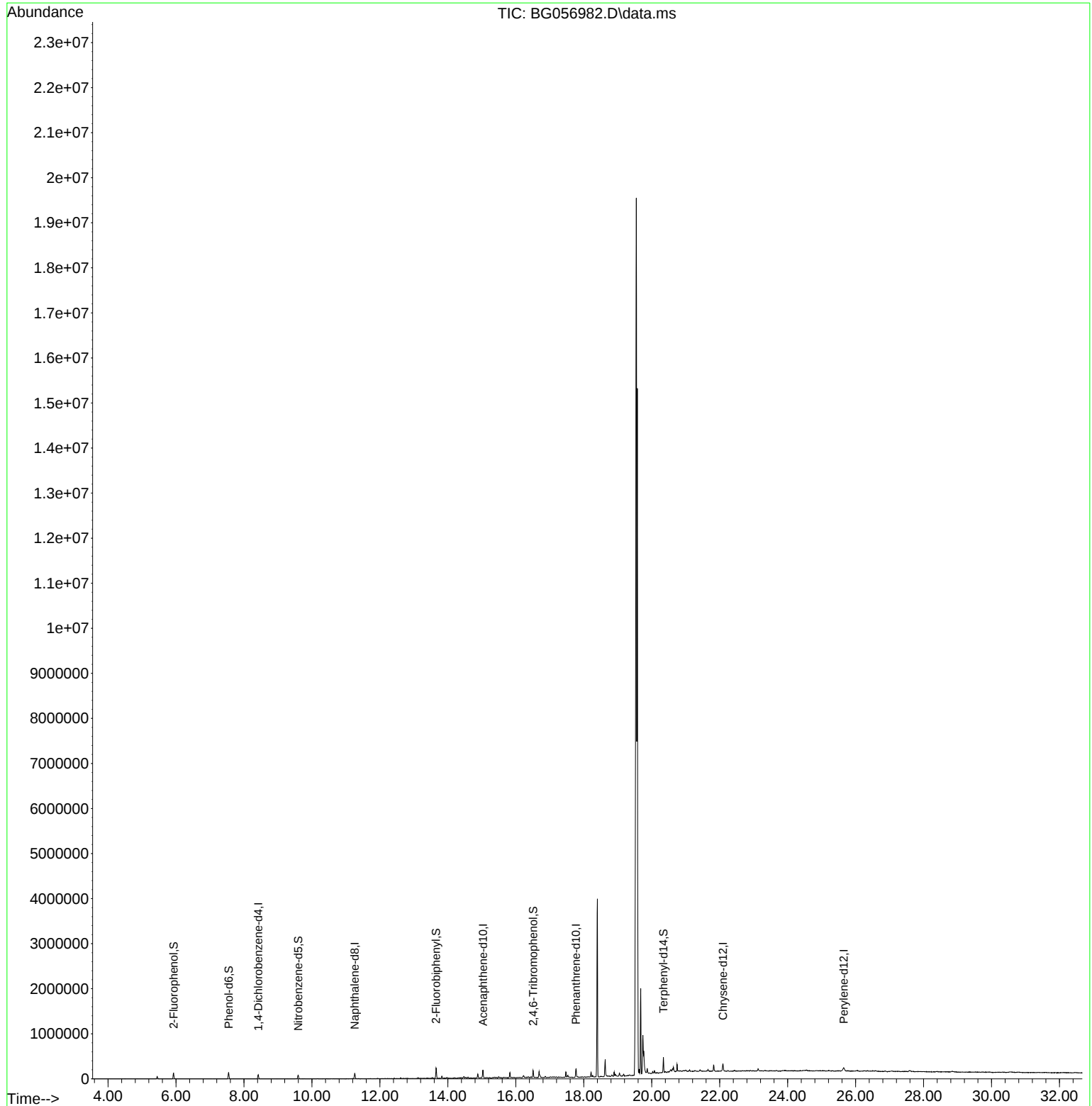
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

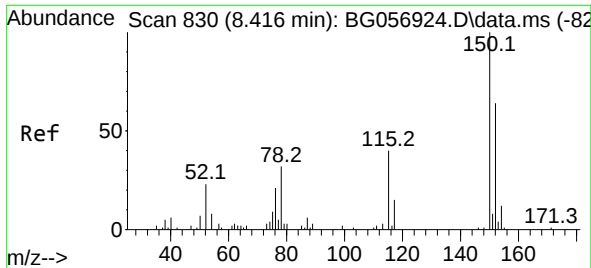
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :  
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Quant Time: Apr 05 04:14:28 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 31 03:23:11 2023  
Response via : Initial Calibration

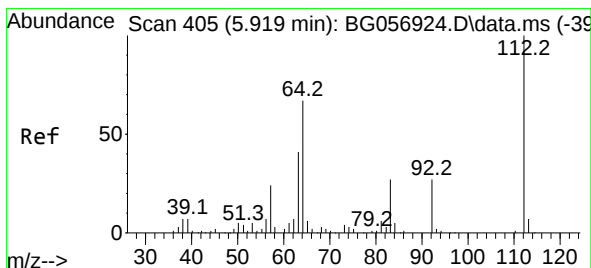
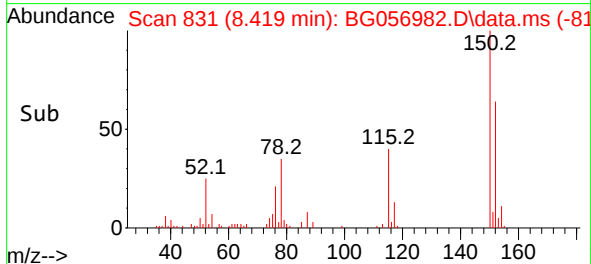
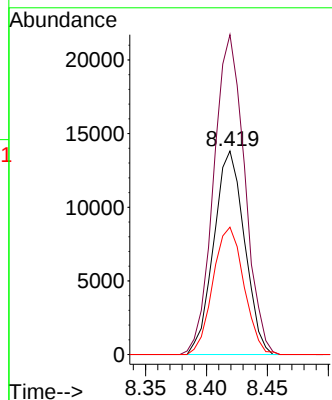
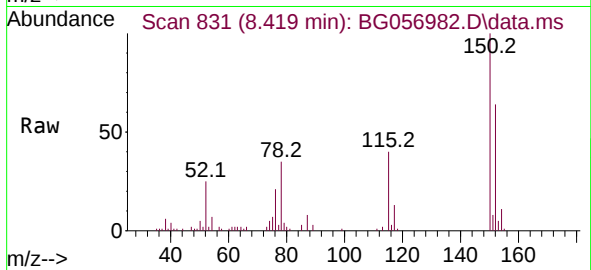




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.419 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

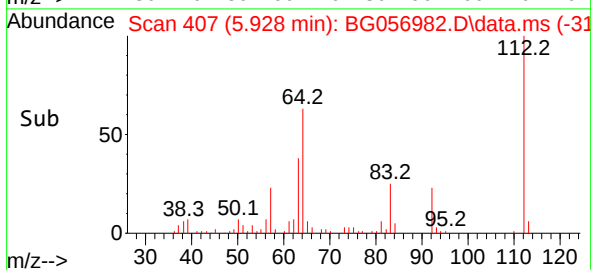
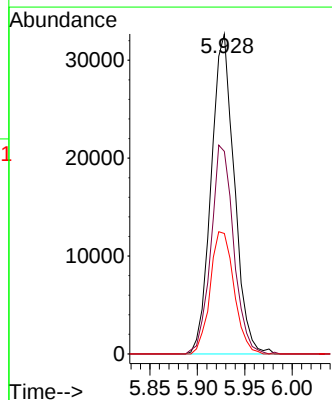
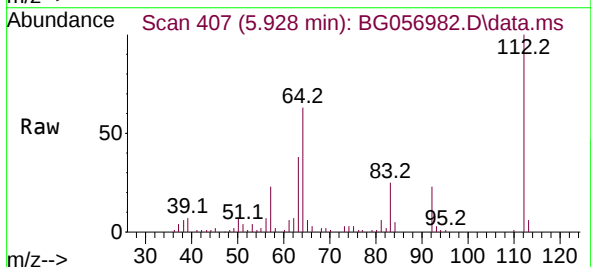
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-033123

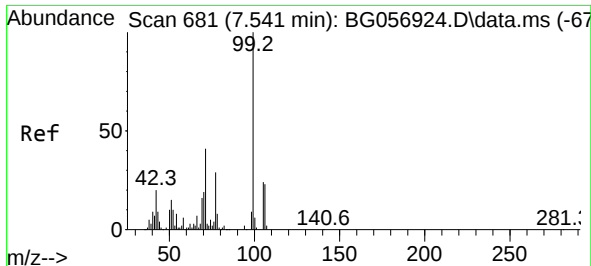
Tgt Ion:152 Resp: 24223  
Ion Ratio Lower Upper  
152 100  
150 157.2 124.1 186.1  
115 62.6 49.1 73.7



#5  
2-Fluorophenol  
Concen: 36.528 ng  
RT: 5.928 min Scan# 407  
Delta R.T. 0.009 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

Tgt Ion:112 Resp: 55285  
Ion Ratio Lower Upper  
112 100  
64 63.3 53.2 79.8  
63 37.6 32.6 48.8

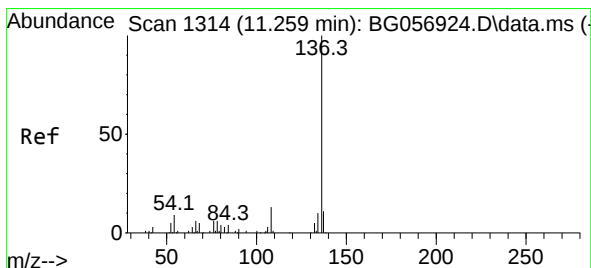
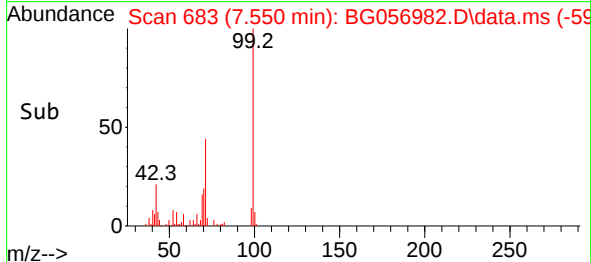
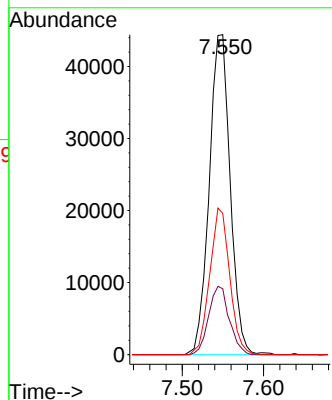
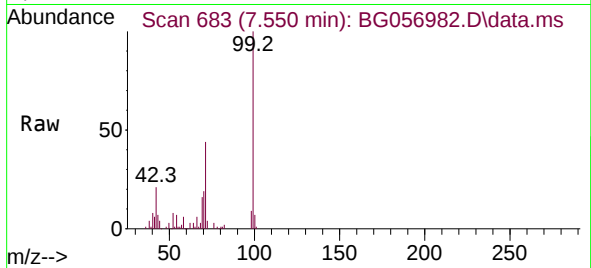




#7  
Phenol-d6  
Concen: 35.206 ng  
RT: 7.550 min Scan# 681  
Delta R.T. 0.009 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

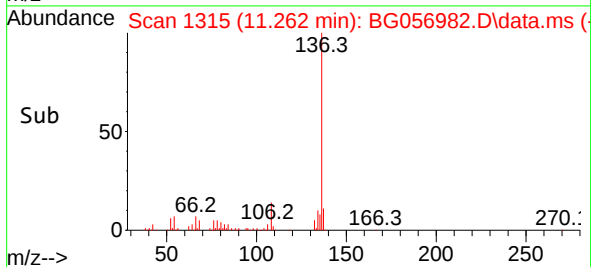
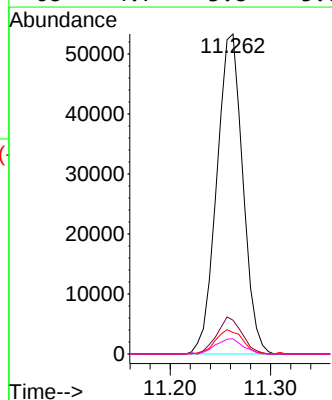
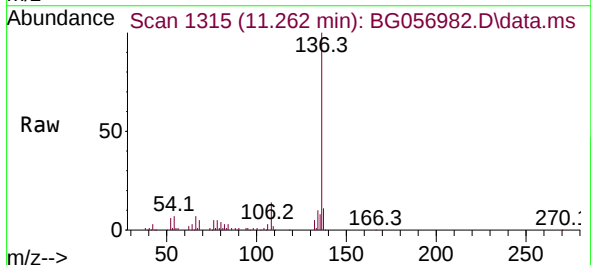
Instrument :  
BNA\_G  
ClientSampleId :  
HR-01-033123

Tgt Ion: 99 Resp: 79694  
Ion Ratio Lower Upper  
99 100  
42 20.6 15.7 23.5  
71 44.1 32.5 48.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.262 min Scan# 1315  
Delta R.T. 0.003 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

Tgt Ion:136 Resp: 96115  
Ion Ratio Lower Upper  
136 100  
137 10.5 8.6 13.0  
54 6.7 6.9 10.3#  
68 4.7 3.8 5.6





#23

Nitrobenzene-d5

Concen: 22.404 ng

RT: 9.594 min Scan# 1031

Delta R.T. -0.003 min

Lab File: BG056982.D

Acq: 5 Apr 2023 2:31

Instrument :

BNA\_G

ClientSampleId :

HR-01-033123

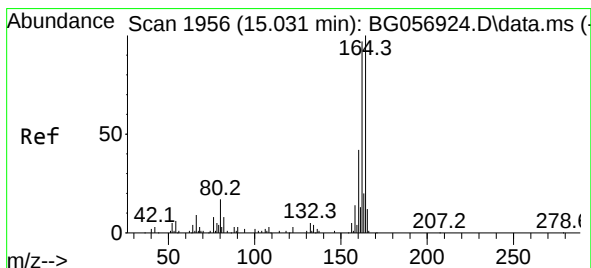
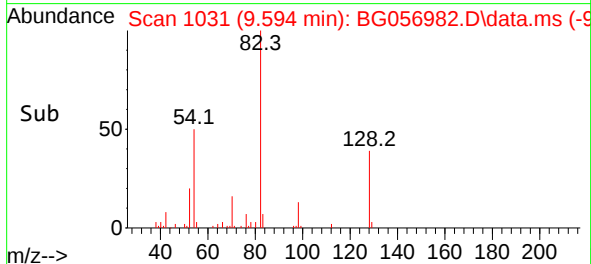
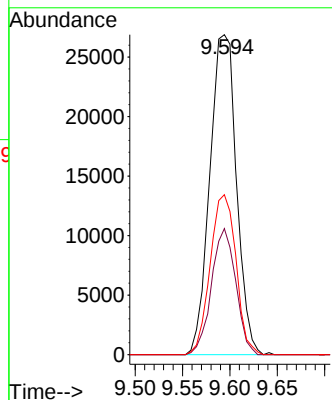
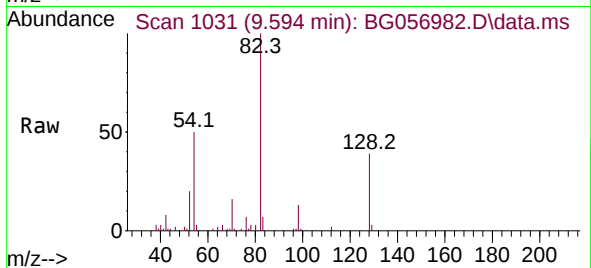
Tgt Ion: 82 Resp: 52626

Ion Ratio Lower Upper

82 100

128 39.4 27.9 41.9

54 50.0 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.034 min Scan# 1957

Delta R.T. 0.003 min

Lab File: BG056982.D

Acq: 5 Apr 2023 2:31

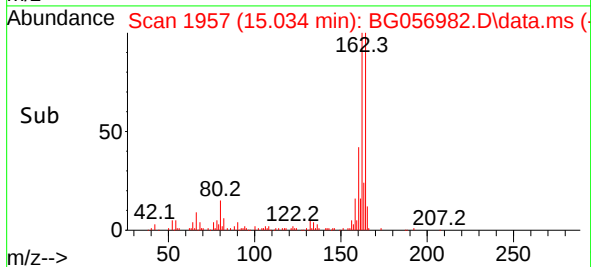
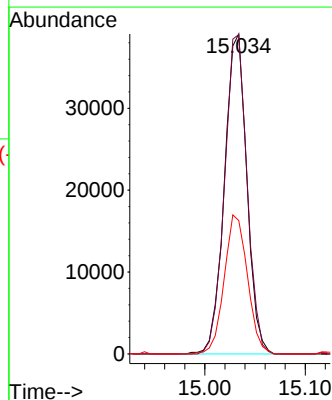
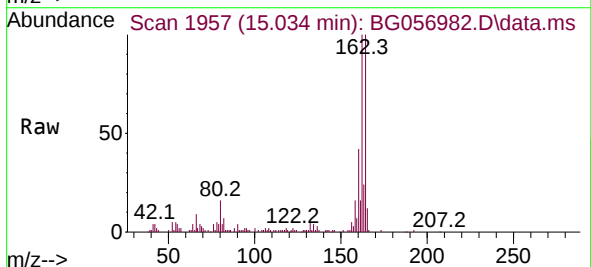
Tgt Ion: 164 Resp: 60627

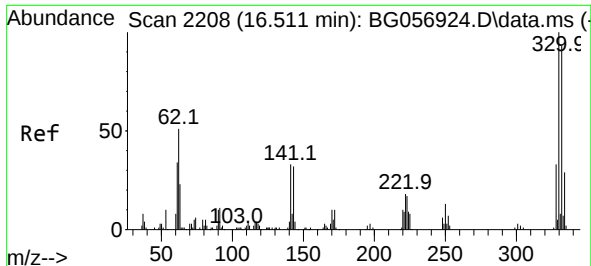
Ion Ratio Lower Upper

164 100

162 99.8 77.8 116.8

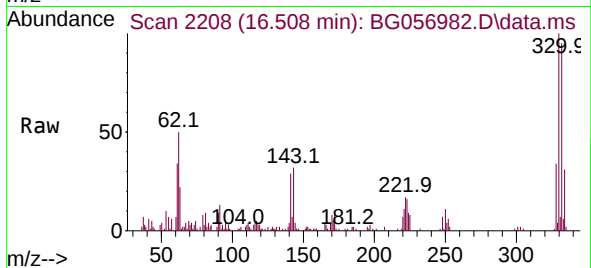
160 41.7 33.5 50.3



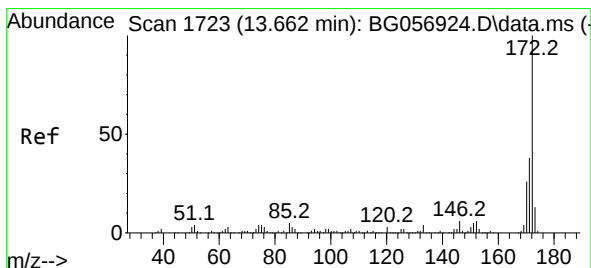
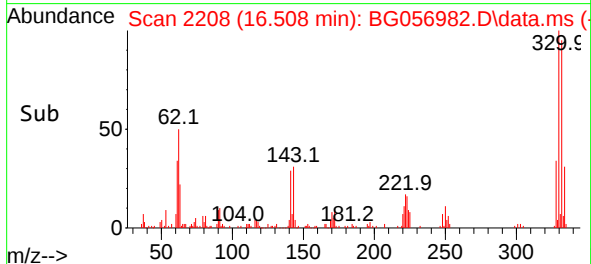
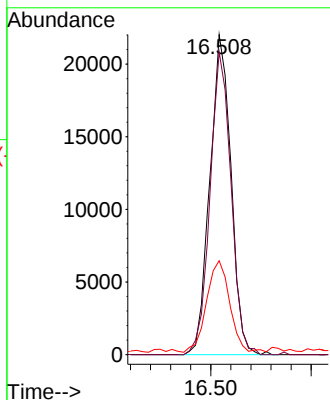


#42  
2,4,6-Tribromophenol  
Concen: 33.262 ng  
RT: 16.508 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

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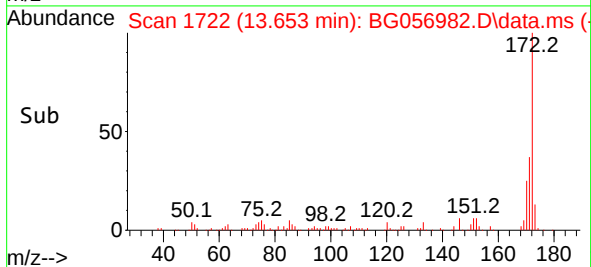
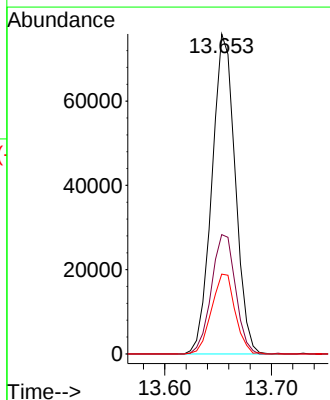
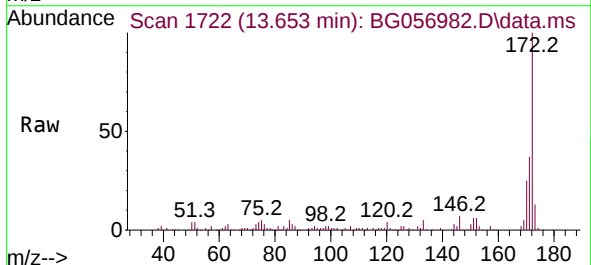


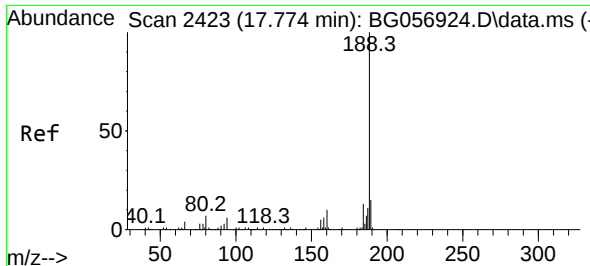
Tgt Ion:330 Resp: 32215  
Ion Ratio Lower Upper  
330 100  
332 93.7 76.1 114.1  
141 31.0 25.8 38.6



#45  
2-Fluorobiphenyl  
Concen: 25.778 ng  
RT: 13.653 min Scan# 1722  
Delta R.T. -0.008 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

Tgt Ion:172 Resp: 115255  
Ion Ratio Lower Upper  
172 100  
171 37.3 30.6 46.0  
170 24.9 20.6 30.8

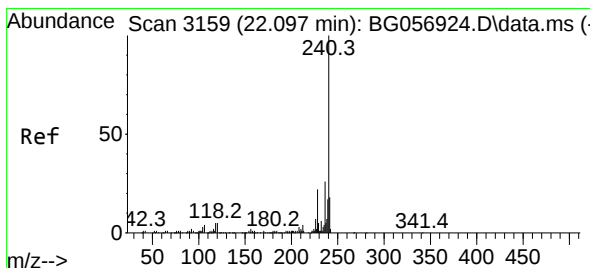
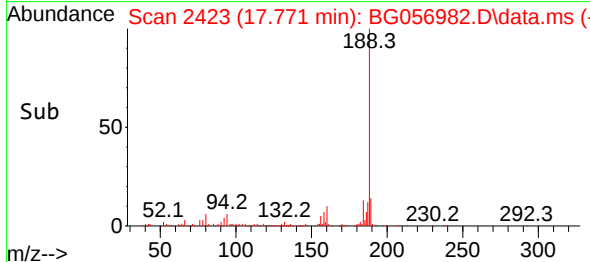
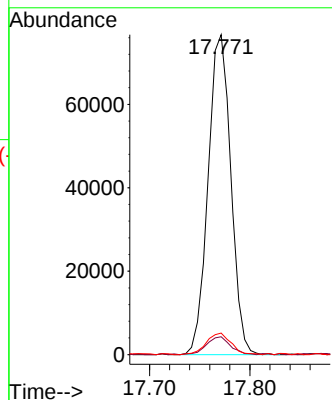
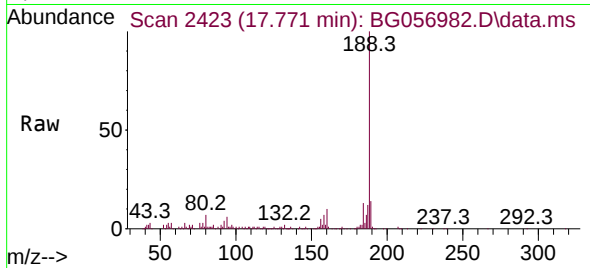




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.771 min Scan# 24  
Delta R.T. -0.003 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

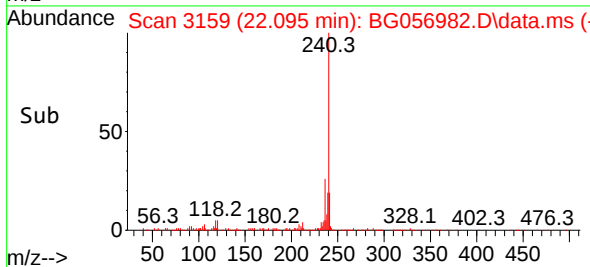
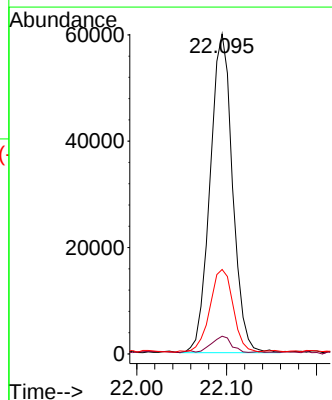
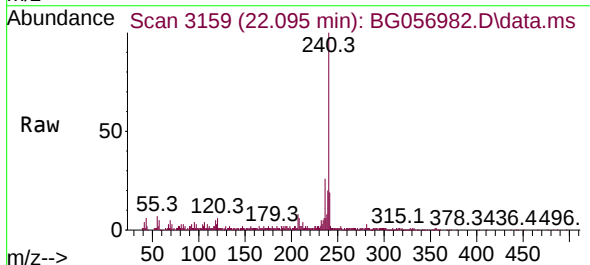
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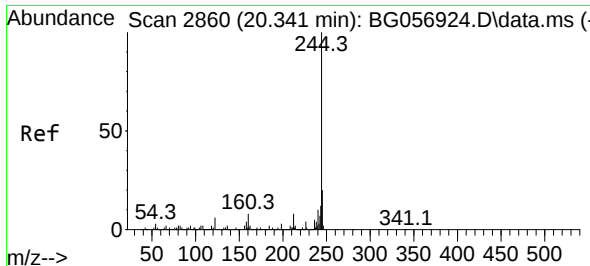
Tgt Ion:188 Resp: 120844  
Ion Ratio Lower Upper  
188 100  
94 5.6 4.6 6.8  
80 6.7 5.5 8.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.095 min Scan# 3159  
Delta R.T. -0.003 min  
Lab File: BG056982.D  
Acq: 5 Apr 2023 2:31

Tgt Ion:240 Resp: 104554  
Ion Ratio Lower Upper  
240 100  
120 5.5 3.8 5.6  
236 26.4 21.0 31.6

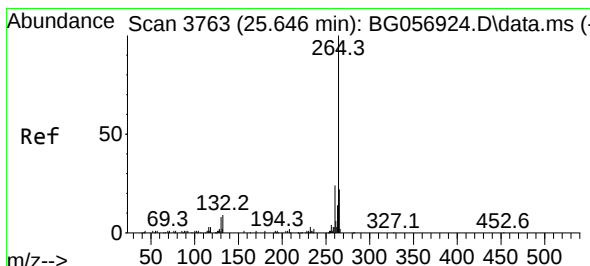
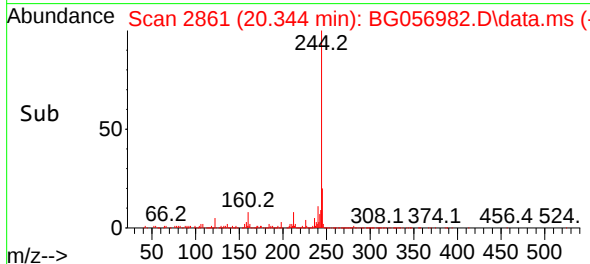
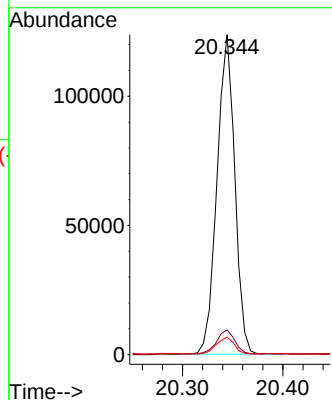
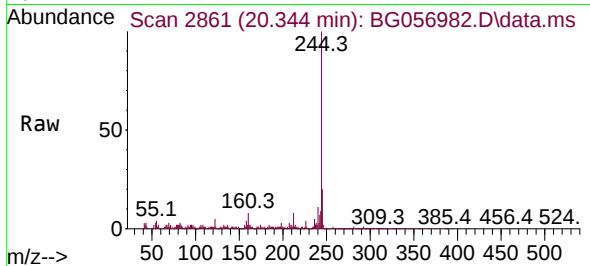




#79  
 Terphenyl-d14  
 Concen: 24.615 ng  
 RT: 20.344 min Scan# 2860  
 Delta R.T. 0.003 min  
 Lab File: BG056982.D  
 Acq: 5 Apr 2023 2:31

Instrument :  
 BNA\_G  
 ClientSampleId :  
 HR-01-033123

Tgt Ion:244 Resp: 152089  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 6.1 9.1  
 122 5.5 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.649 min Scan# 3764  
 Delta R.T. 0.003 min  
 Lab File: BG056982.D  
 Acq: 5 Apr 2023 2:31

Tgt Ion:264 Resp: 94458  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 19.0 28.4  
 265 23.0 17.8 26.6

