

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052323\  
 Data File : BG057522.D  
 Acq On : 23 May 2023 16:37  
 Operator : CG/JU  
 Sample : 02893-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 CONC-1

Quant Time: May 23 17:56:50 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 20 04:19:55 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.357  | 152  | 22161    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.194 | 136  | 85654    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.971 | 164  | 61920    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.709 | 188  | 152494   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.021 | 240  | 145126   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.522 | 264  | 154363   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.872  | 112  | 90059    | 69.517  | ng    | 0.00     |
| 7) Phenol-d6                | 7.499  | 99   | 199626   | 101.474 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.538  | 82   | 157897   | 77.370  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.458 | 330  | 37826    | 43.054  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.597 | 172  | 403840   | 87.838  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.282 | 244  | 760016   | 85.463  | ng    | 0.00     |

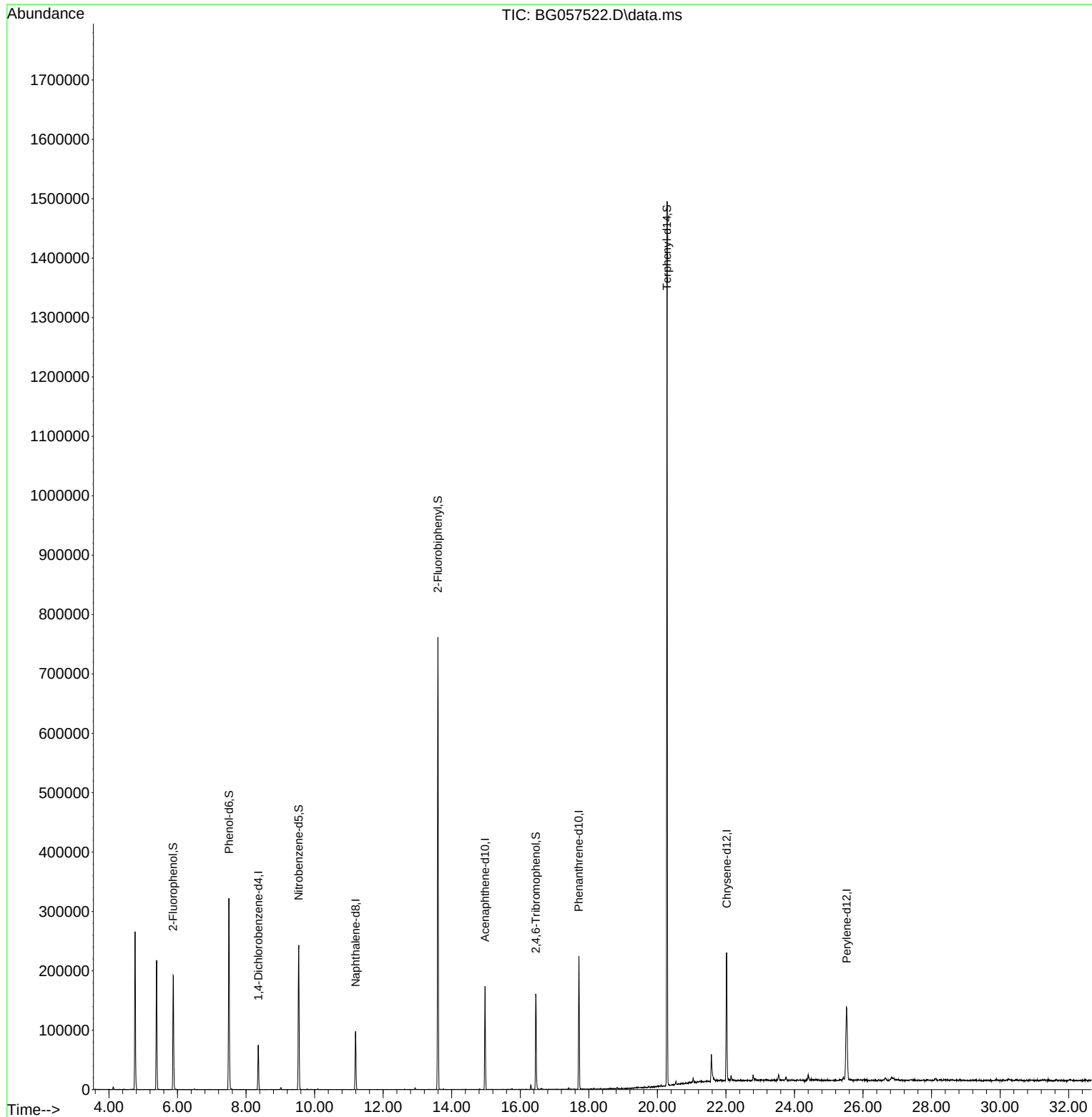
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

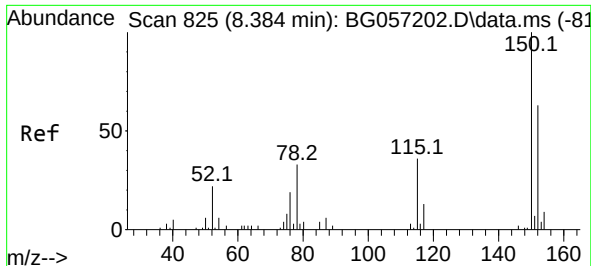
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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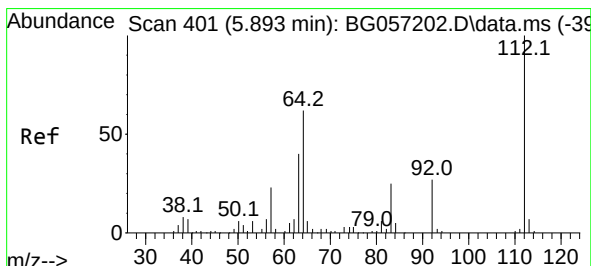
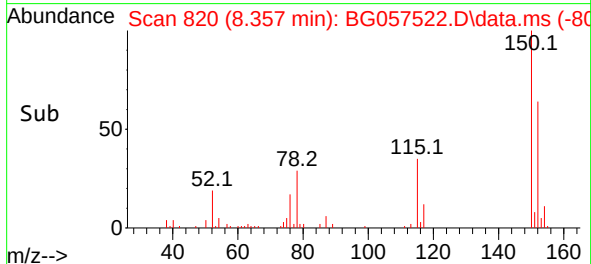
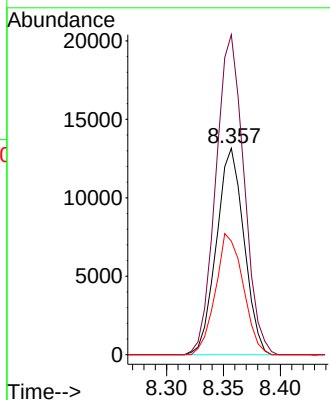
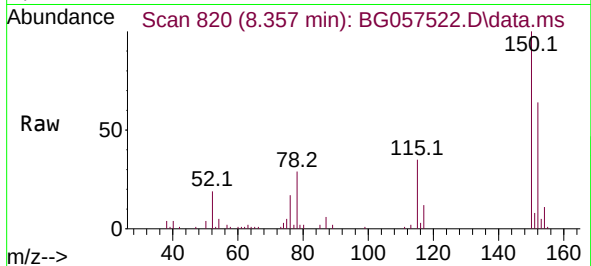




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.357 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

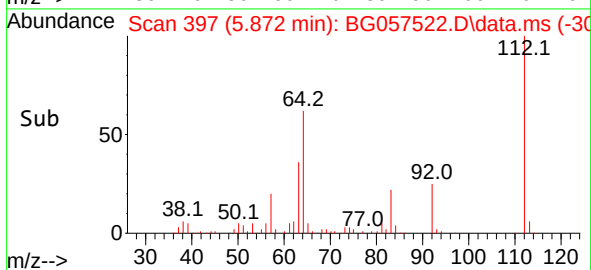
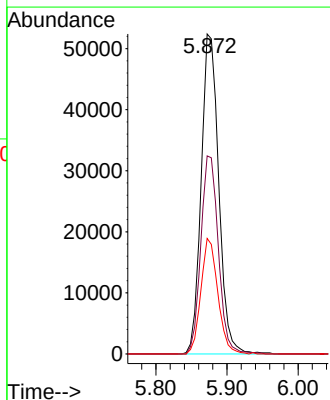
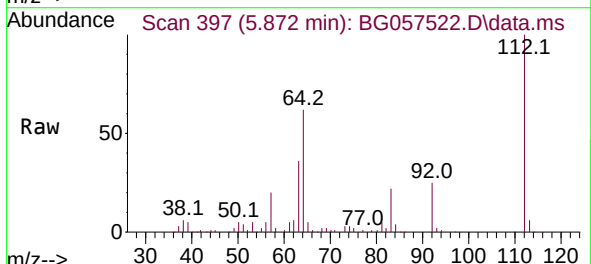
Instrument :  
BNA\_G  
ClientSampleId :  
CONC-1

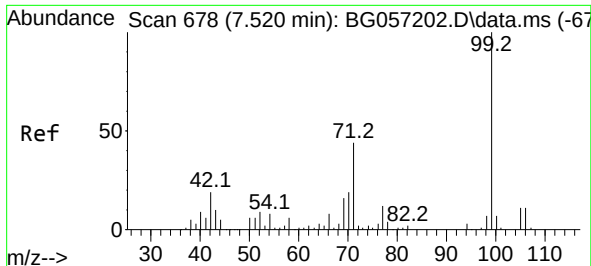
Tgt Ion:152 Resp: 22161  
Ion Ratio Lower Upper  
152 100  
150 155.1 126.2 189.4  
115 55.0 45.0 67.4



#5  
2-Fluorophenol  
Concen: 69.517 ng  
RT: 5.872 min Scan# 397  
Delta R.T. 0.001 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

Tgt Ion:112 Resp: 90059  
Ion Ratio Lower Upper  
112 100  
64 61.9 49.4 74.2  
63 36.1 31.6 47.4

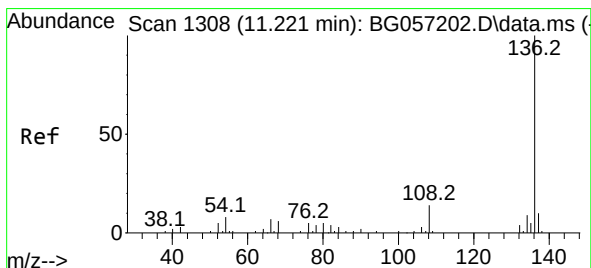
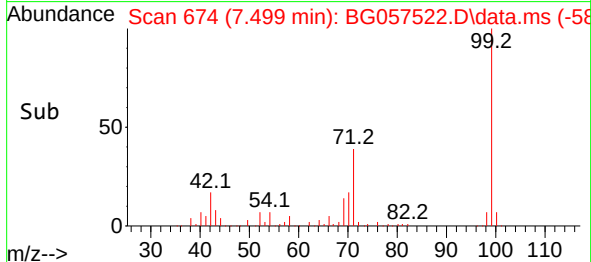
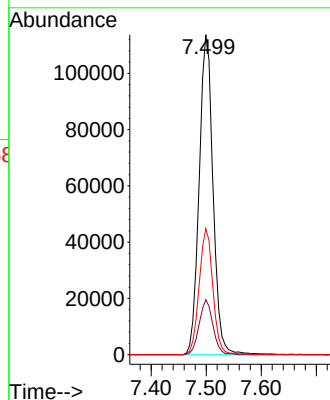
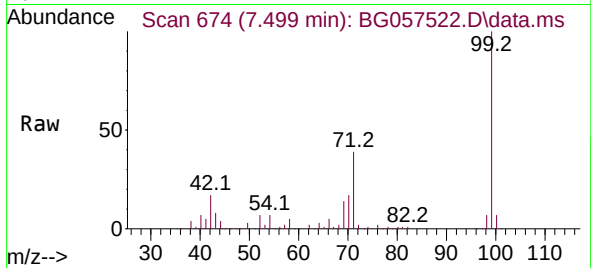




#7  
Phenol-d6  
Concen: 101.474 ng  
RT: 7.499 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

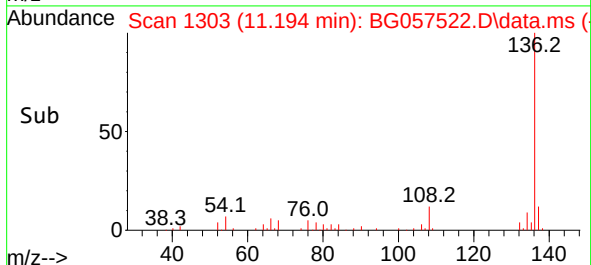
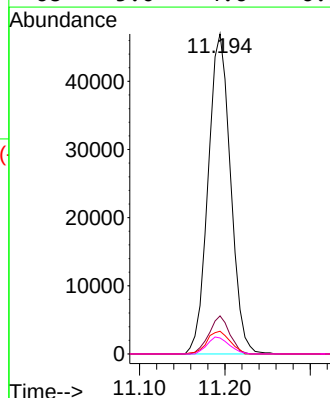
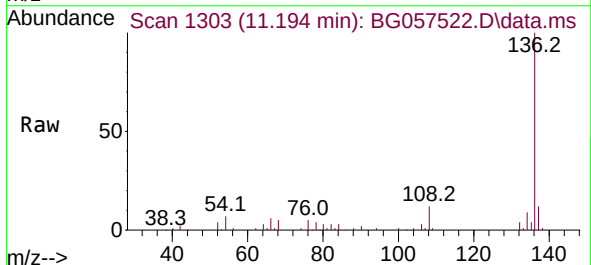
Instrument :  
BNA\_G  
ClientSampleId :  
CONC-1

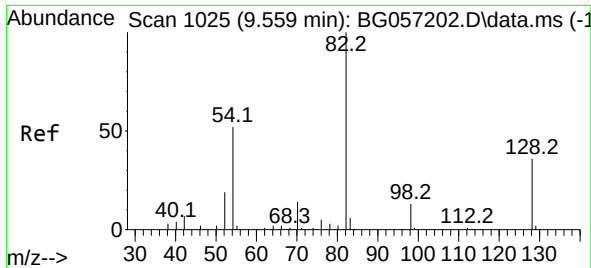
Tgt Ion: 99 Resp: 199626  
Ion Ratio Lower Upper  
99 100  
42 17.2 15.1 22.7  
71 39.4 35.2 52.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.194 min Scan# 1303  
Delta R.T. -0.005 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

Tgt Ion: 136 Resp: 85654  
Ion Ratio Lower Upper  
136 100  
137 11.9 8.3 12.5  
54 7.1 6.7 10.1  
68 5.0 4.6 6.8

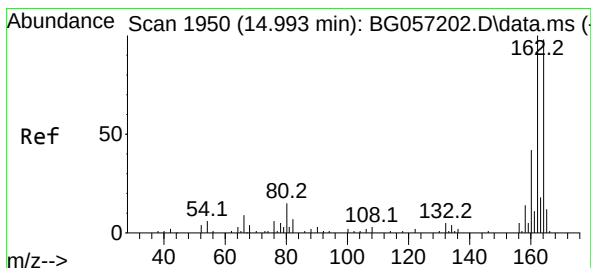
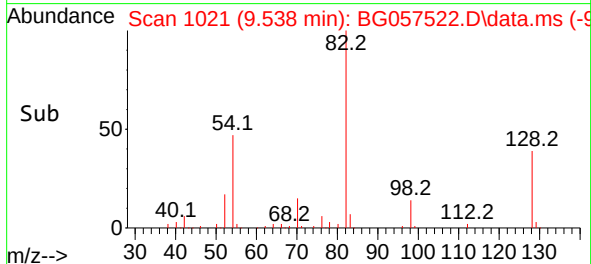
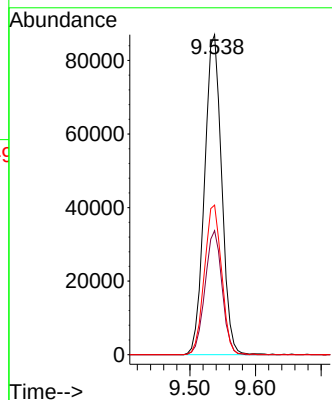
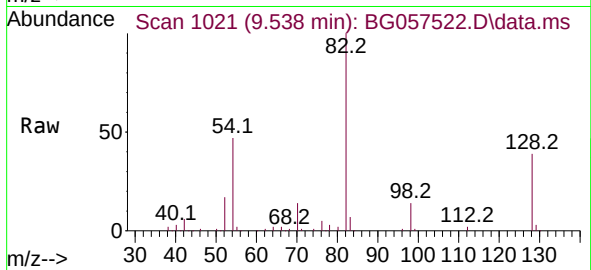




#23  
Nitrobenzene-d5  
Concen: 77.370 ng  
RT: 9.538 min Scan# 1021  
Delta R.T. 0.001 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

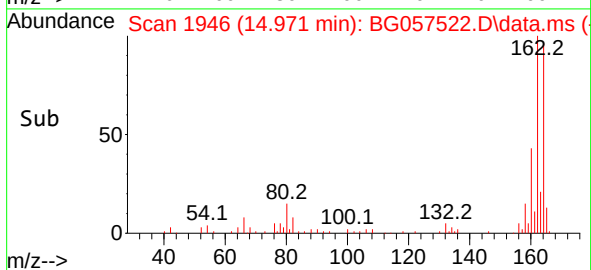
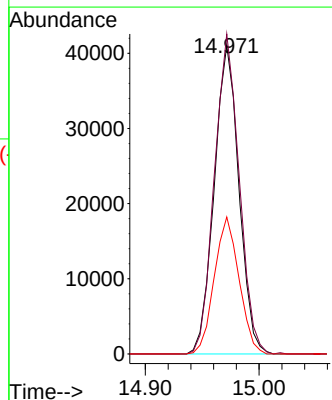
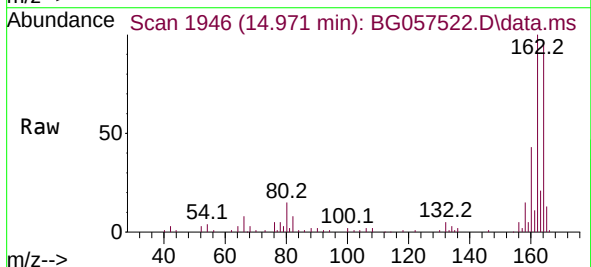
Instrument :  
BNA\_G  
ClientSampleId :  
CONC-1

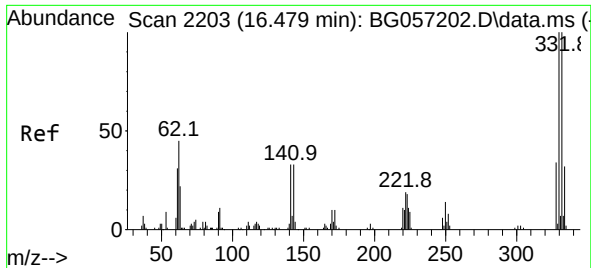
Tgt Ion: 82 Resp: 157897  
Ion Ratio Lower Upper  
82 100  
128 38.8 29.0 43.4  
54 46.7 41.4 62.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.971 min Scan# 1946  
Delta R.T. -0.005 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

Tgt Ion:164 Resp: 61920  
Ion Ratio Lower Upper  
164 100  
162 103.7 81.8 122.6  
160 44.4 34.6 52.0

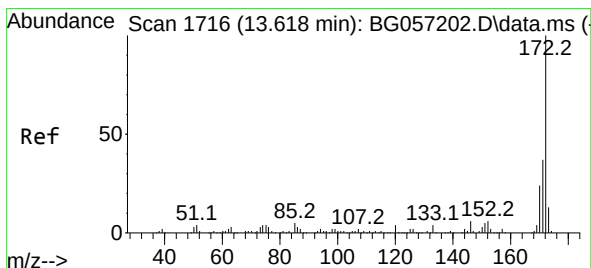
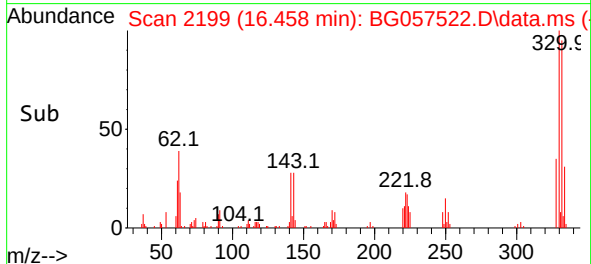
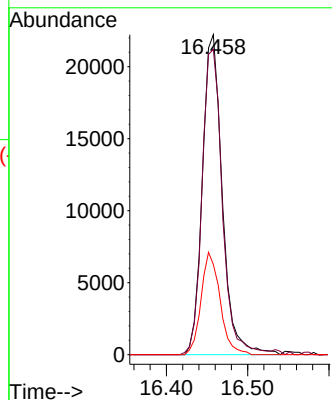
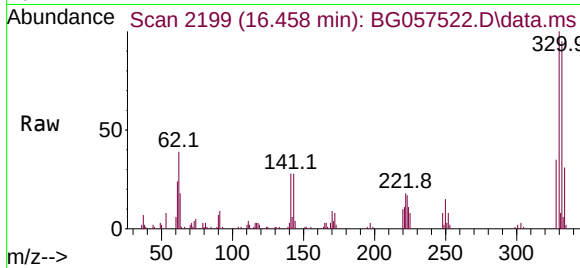




#42  
2,4,6-Tribromophenol  
Concen: 43.054 ng  
RT: 16.458 min Scan# 21199  
Delta R.T. 0.001 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

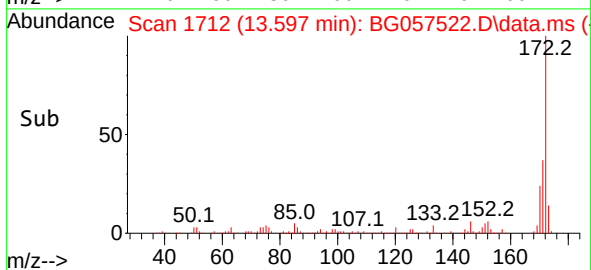
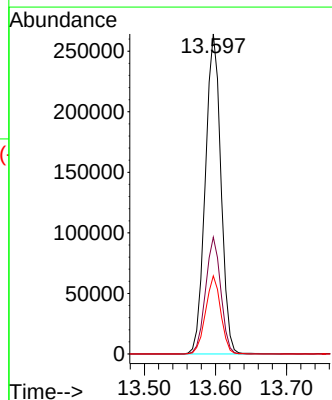
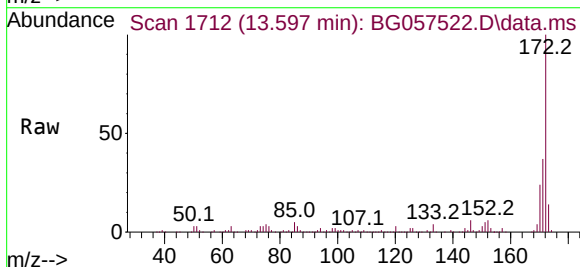
Instrument :  
BNA\_G  
ClientSampleId :  
CONC-1

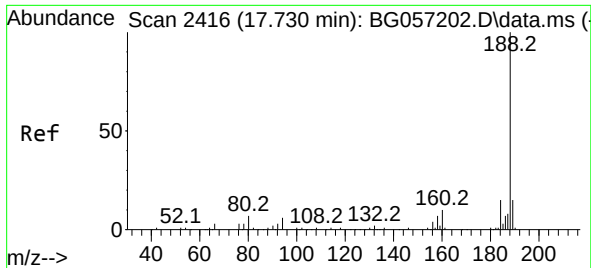
Tgt Ion:330 Resp: 37826  
Ion Ratio Lower Upper  
330 100  
332 97.1 78.2 117.2  
141 30.6 27.8 41.8



#45  
2-Fluorobiphenyl  
Concen: 87.838 ng  
RT: 13.597 min Scan# 1712  
Delta R.T. -0.005 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

Tgt Ion:172 Resp: 403840  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.4 44.0  
170 24.4 19.0 28.6

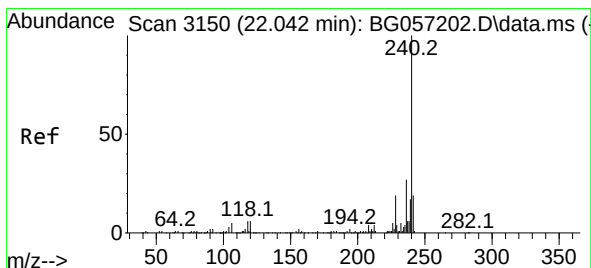
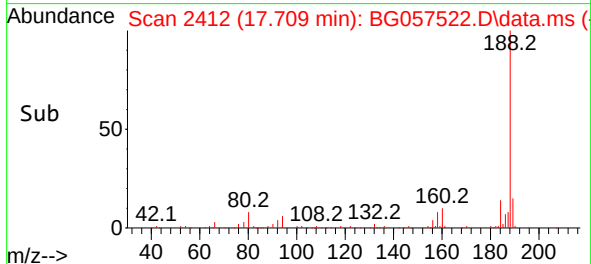
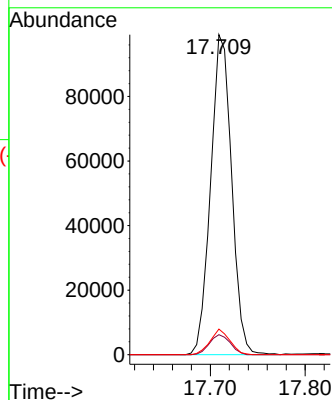
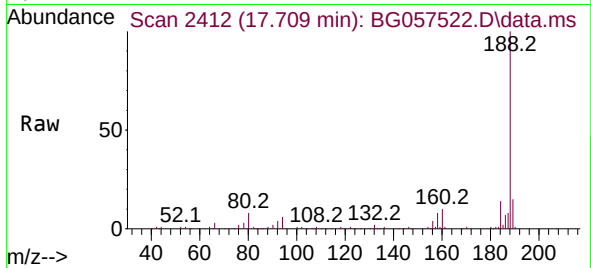




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.709 min Scan# 2416  
Delta R.T. -0.005 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

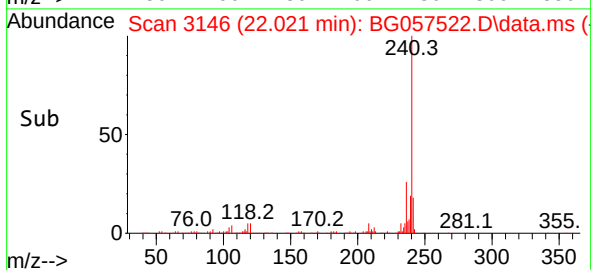
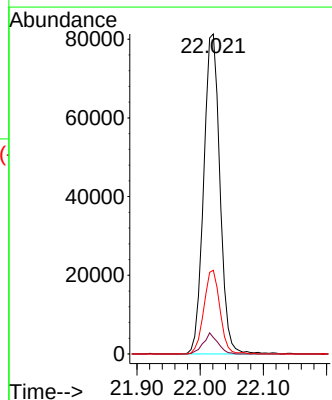
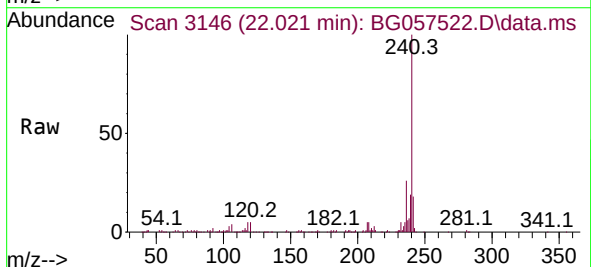
Instrument :  
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ClientSampleId :  
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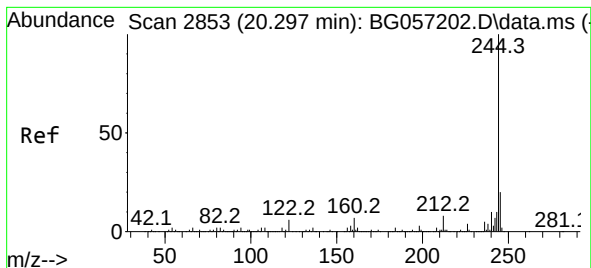
Tgt Ion:188 Resp: 152494  
Ion Ratio Lower Upper  
188 100  
94 6.2 5.1 7.7  
80 8.0 5.7 8.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.021 min Scan# 3146  
Delta R.T. 0.001 min  
Lab File: BG057522.D  
Acq: 23 May 2023 16:37

Tgt Ion:240 Resp: 145126  
Ion Ratio Lower Upper  
240 100  
120 5.2 4.9 7.3  
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 85.463 ng

RT: 20.282 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG057522.D

Acq: 23 May 2023 16:37

Instrument :

BNA\_G

ClientSampleId :

CONC-1

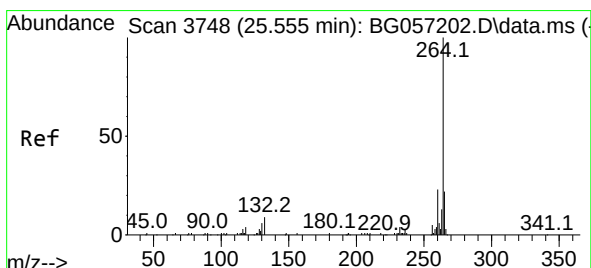
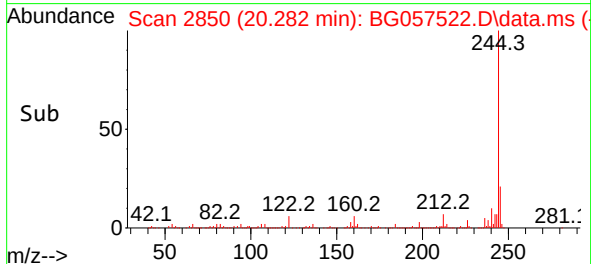
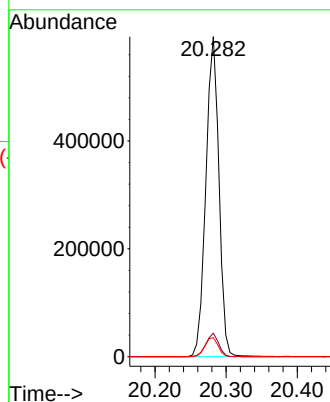
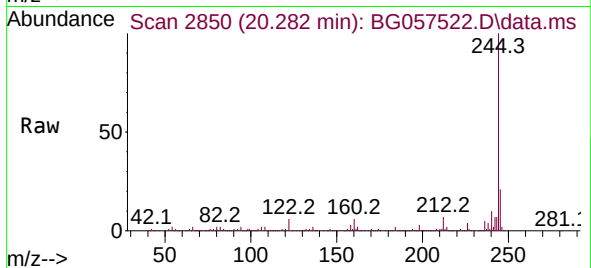
Tgt Ion:244 Resp: 760016

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

122 6.0 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.522 min Scan# 3742

Delta R.T. 0.007 min

Lab File: BG057522.D

Acq: 23 May 2023 16:37

Tgt Ion:264 Resp: 154363

Ion Ratio Lower Upper

264 100

260 25.0 18.8 28.2

265 20.8 17.9 26.9

