

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG090122\  
 Data File : BG054832.D  
 Acq On : 1 Sep 2022 21:51  
 Operator : CG/JU  
 Sample : N4450-01 10X  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-03-083022

Quant Time: Sep 02 02:57:43 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 17:50:55 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.152  | 152  | 61583    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.978 | 136  | 247301   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.785 | 164  | 150172   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.529 | 188  | 299178   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.824 | 240  | 276216   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.202 | 264  | 283819   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.690  | 112  | 22866    | 6.466  | ng    | 0.00     |
| 7) Phenol-d6                | 7.300  | 99   | 30623    | 6.332  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.321  | 82   | 18489    | 3.925  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.272 | 330  | 10616    | 5.657  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.405 | 172  | 47600    | 4.764  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.126 | 244  | 65931    | 4.729  | ng    | 0.00     |

Target Compounds Qvalue

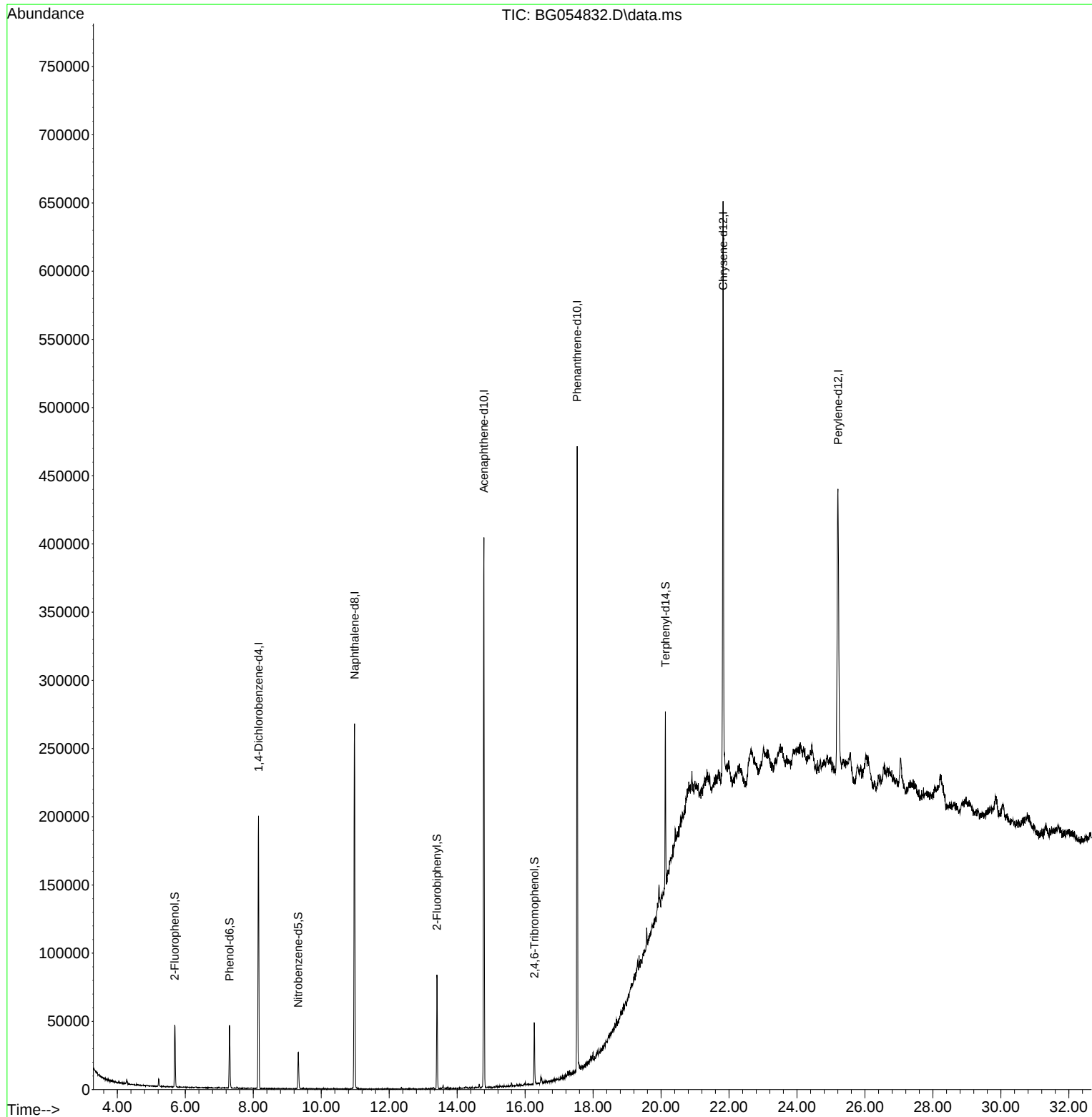
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

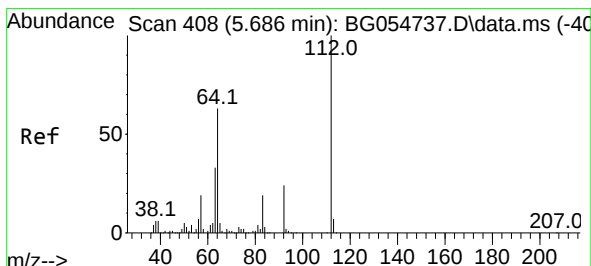
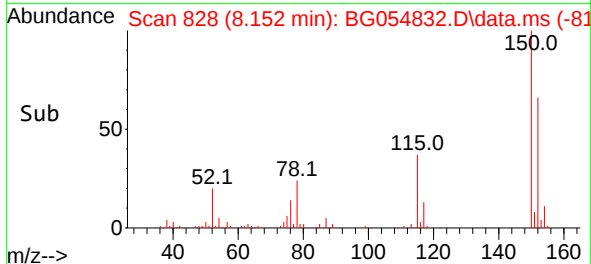
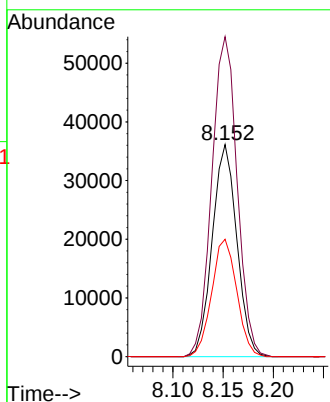
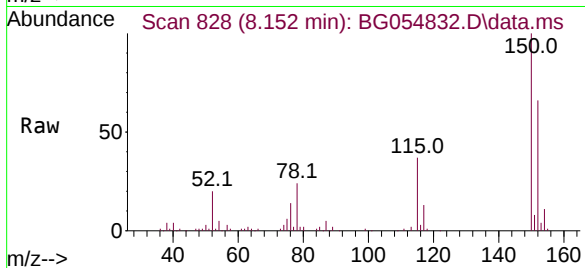




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.152 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054832.D  
Acq: 1 Sep 2022 21:51

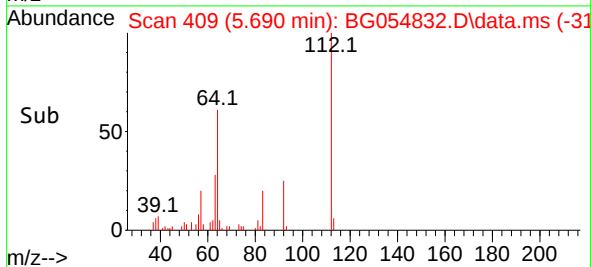
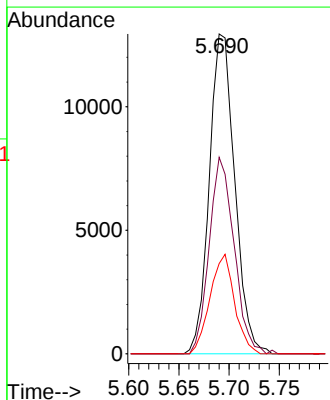
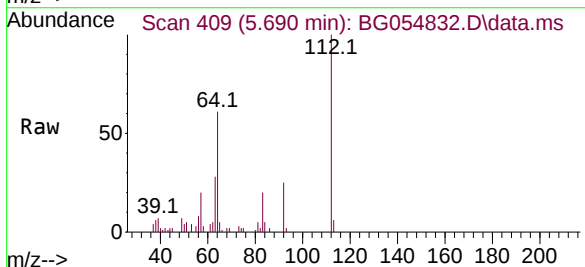
Instrument :  
BNA\_G  
ClientSampleId :  
EO-03-083022

Tgt Ion:152 Resp: 61583  
Ion Ratio Lower Upper  
152 100  
150 150.9 125.2 187.8  
115 55.3 47.9 71.9



#5  
2-Fluorophenol  
Concen: 6.466 ng  
RT: 5.690 min Scan# 409  
Delta R.T. 0.004 min  
Lab File: BG054832.D  
Acq: 1 Sep 2022 21:51

Tgt Ion:112 Resp: 22866  
Ion Ratio Lower Upper  
112 100  
64 61.4 49.3 73.9  
63 28.2 26.3 39.5

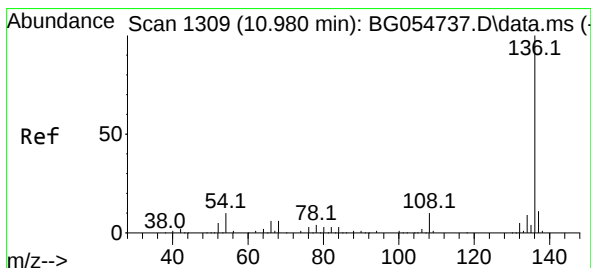
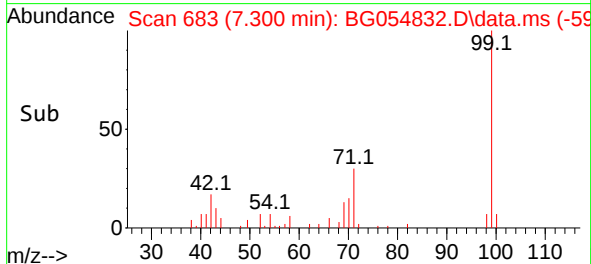
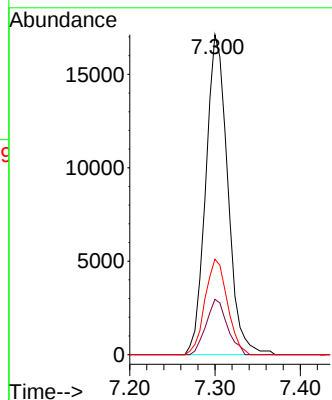
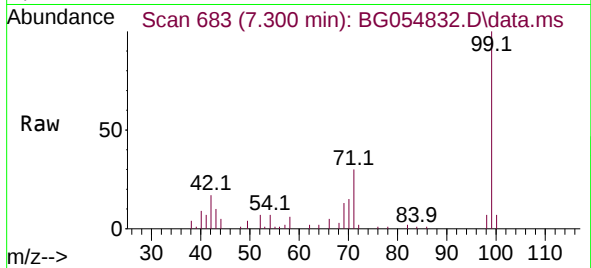




#7  
Phenol-d6  
Concen: 6.332 ng  
RT: 7.300 min Scan# 682  
Delta R.T. 0.004 min  
Lab File: BG054832.D  
Acq: 1 Sep 2022 21:51

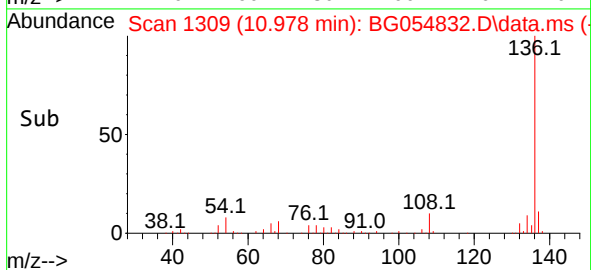
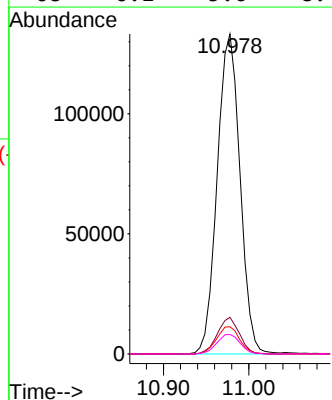
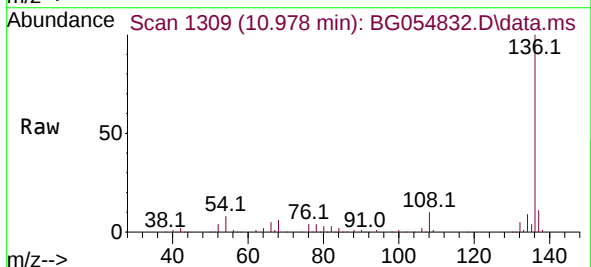
Instrument :  
BNA\_G  
ClientSampleId :  
EO-03-083022

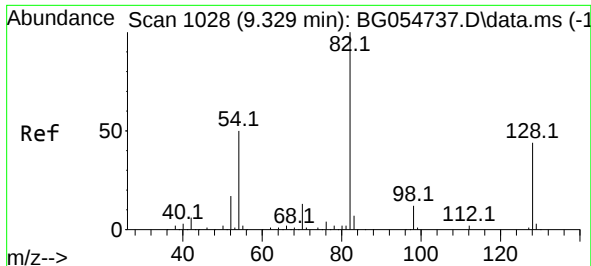
Tgt Ion: 99 Resp: 30623  
Ion Ratio Lower Upper  
99 100  
42 17.3 14.6 22.0  
71 29.8 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.978 min Scan# 1309  
Delta R.T. -0.002 min  
Lab File: BG054832.D  
Acq: 1 Sep 2022 21:51

Tgt Ion: 136 Resp: 247301  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.2 13.8  
54 8.5 7.7 11.5  
68 6.1 5.6 8.4





#23

Nitrobenzene-d5

Concen: 3.925 ng

RT: 9.321 min Scan# 10

Delta R.T. -0.008 min

Lab File: BG054832.D

Acq: 1 Sep 2022 21:51

Instrument :

BNA\_G

ClientSampleId :

EO-03-083022

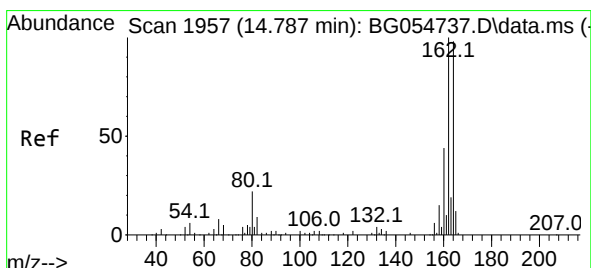
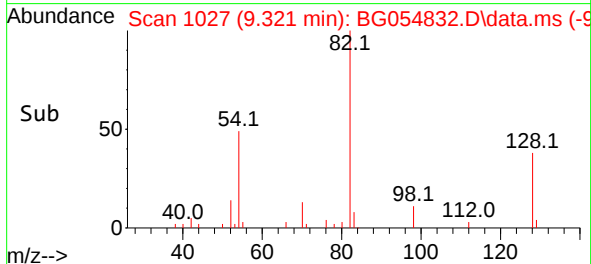
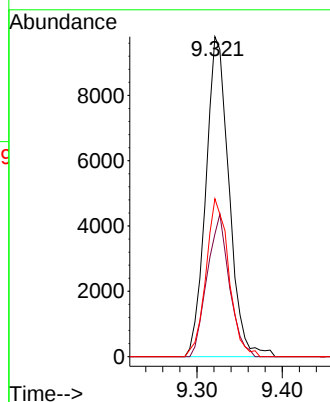
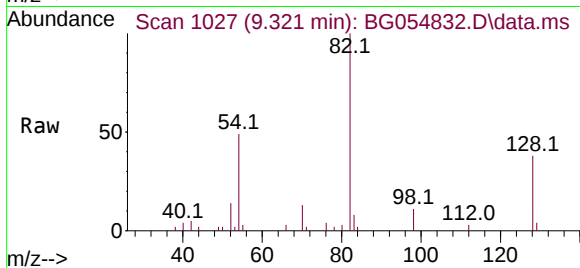
Tgt Ion: 82 Resp: 18489

Ion Ratio Lower Upper

82 100

128 38.3 32.2 48.2

54 49.3 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.785 min Scan# 1957

Delta R.T. -0.002 min

Lab File: BG054832.D

Acq: 1 Sep 2022 21:51

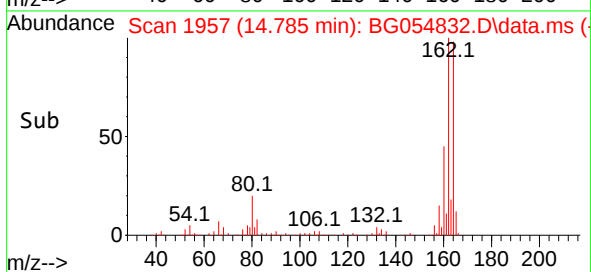
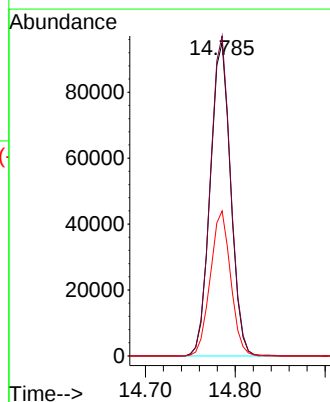
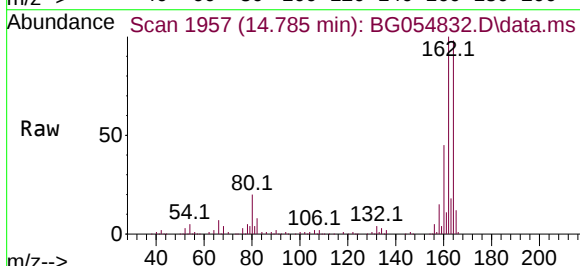
Tgt Ion:164 Resp: 150172

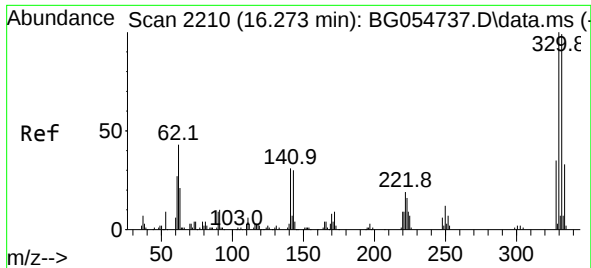
Ion Ratio Lower Upper

164 100

162 102.1 83.0 124.4

160 46.2 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 5.657 ng

RT: 16.272 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG054832.D

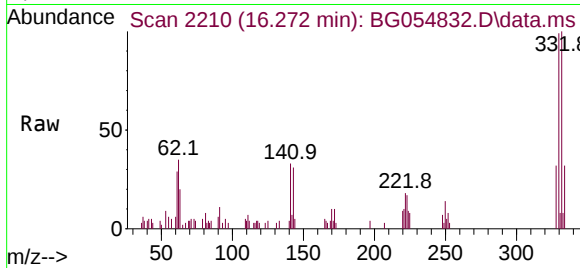
Acq: 1 Sep 2022 21:51

Instrument :

BNA\_G

ClientSampleId :

EO-03-083022



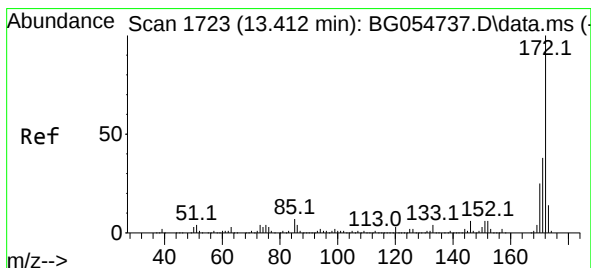
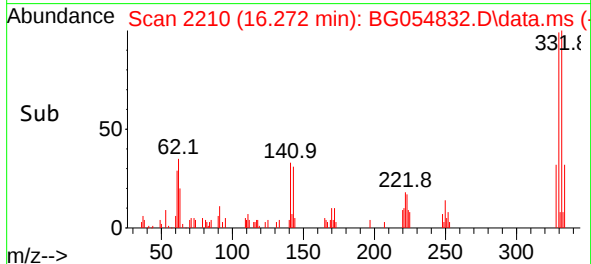
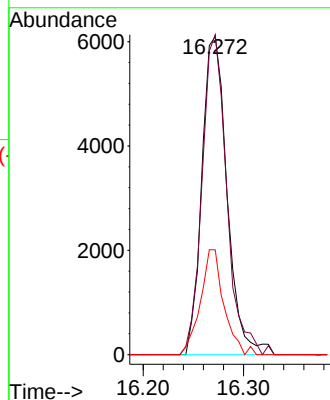
Tgt Ion:330 Resp: 10616

Ion Ratio Lower Upper

330 100

332 98.2 79.8 119.6

141 30.8 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 4.764 ng

RT: 13.405 min Scan# 1722

Delta R.T. -0.008 min

Lab File: BG054832.D

Acq: 1 Sep 2022 21:51

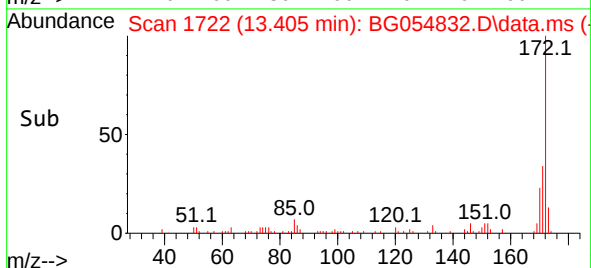
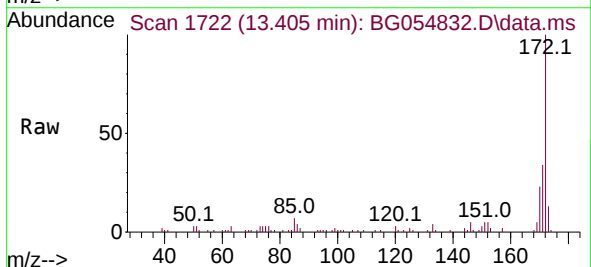
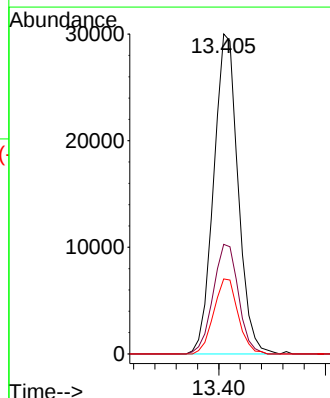
Tgt Ion:172 Resp: 47600

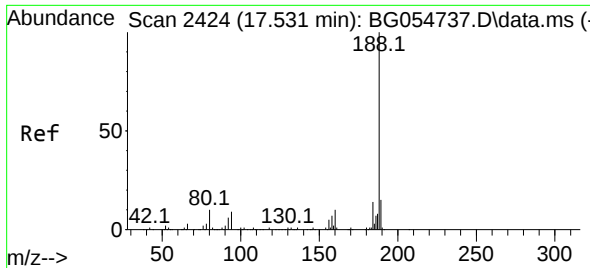
Ion Ratio Lower Upper

172 100

171 34.2 31.2 46.8

170 23.4 20.6 30.8

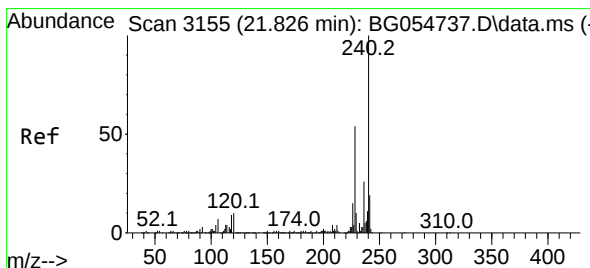
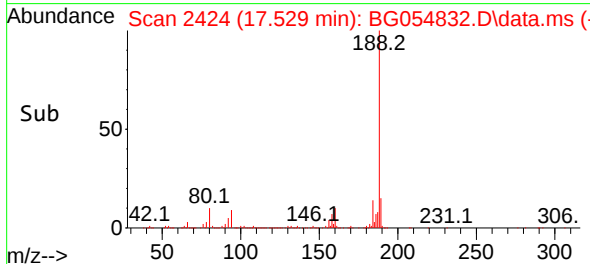
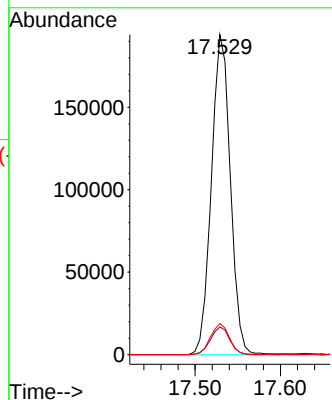
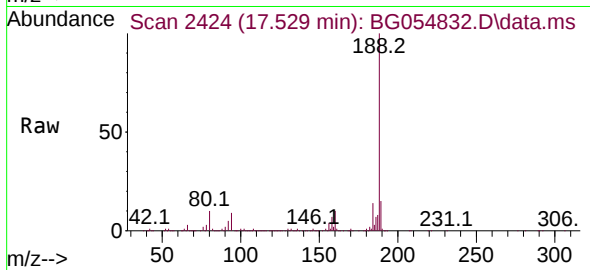




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.529 min Scan# 24  
Delta R.T. -0.002 min  
Lab File: BG054832.D  
Acq: 1 Sep 2022 21:51

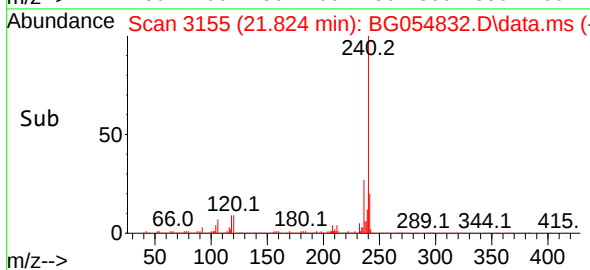
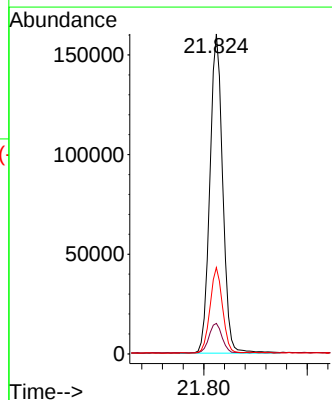
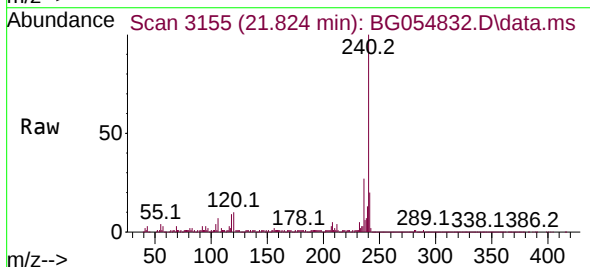
Instrument :  
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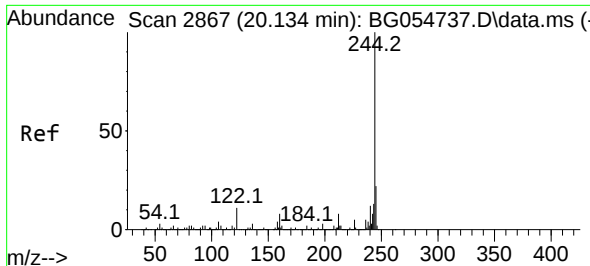
Tgt Ion:188 Resp: 299178  
Ion Ratio Lower Upper  
188 100  
94 8.6 7.0 10.4  
80 9.7 7.9 11.9



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.824 min Scan# 3155  
Delta R.T. -0.002 min  
Lab File: BG054832.D  
Acq: 1 Sep 2022 21:51

Tgt Ion:240 Resp: 276216  
Ion Ratio Lower Upper  
240 100  
120 9.5 8.2 12.4  
236 27.0 21.2 31.8

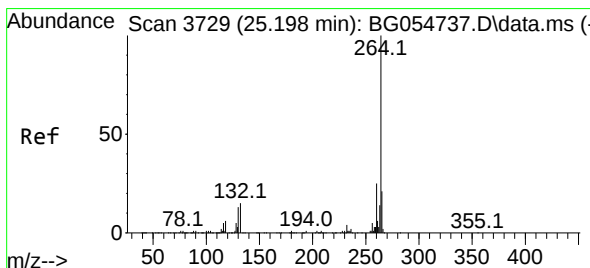
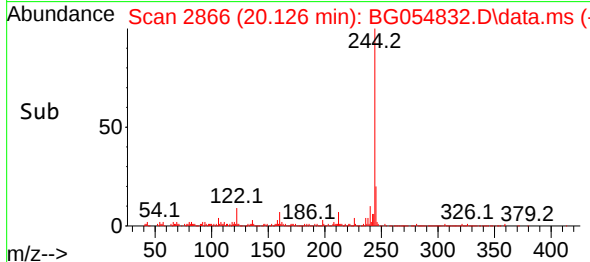
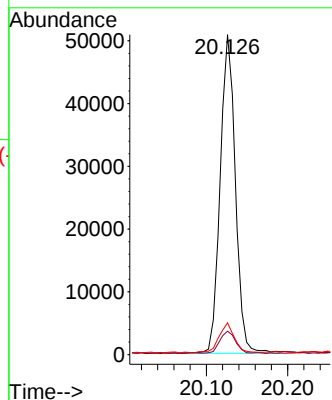
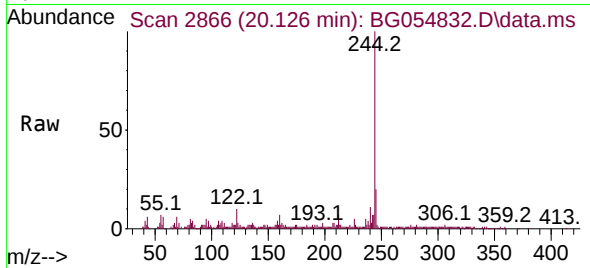




#79  
 Terphenyl-d14  
 Concen: 4.729 ng  
 RT: 20.126 min Scan# 2866  
 Delta R.T. -0.008 min  
 Lab File: BG054832.D  
 Acq: 1 Sep 2022 21:51

Instrument :  
 BNA\_G  
 ClientSampleId :  
 EO-03-083022

Tgt Ion:244 Resp: 65931  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.2 9.2  
 122 9.9 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.202 min Scan# 3730  
 Delta R.T. 0.004 min  
 Lab File: BG054832.D  
 Acq: 1 Sep 2022 21:51

Tgt Ion:264 Resp: 283819  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.9 29.9  
 265 22.2 16.9 25.3

