

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG111022\  
 Data File : BG055554.D  
 Acq On : 11 Nov 2022 1:06  
 Operator : CG/JU  
 Sample : N5476-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RED-006-5

Quant Time: Nov 11 02:04:51 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   | 8.268  | 152  | 45140    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.094 | 136  | 187333   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.883 | 164  | 126922   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.627 | 188  | 303446   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.922 | 240  | 309299   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.342 | 264  | 324781   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.794  | 112  | 184232   | 77.738  | ng    | 0.00     |
| 7) Phenol-d6                | 7.398  | 99   | 147046   | 44.919  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.437  | 82   | 344027   | 124.496 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.364 | 330  | 250799   | 202.521 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.514 | 172  | 803445   | 95.485  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.212 | 244  | 1257456  | 81.658  | ng    | 0.00     |

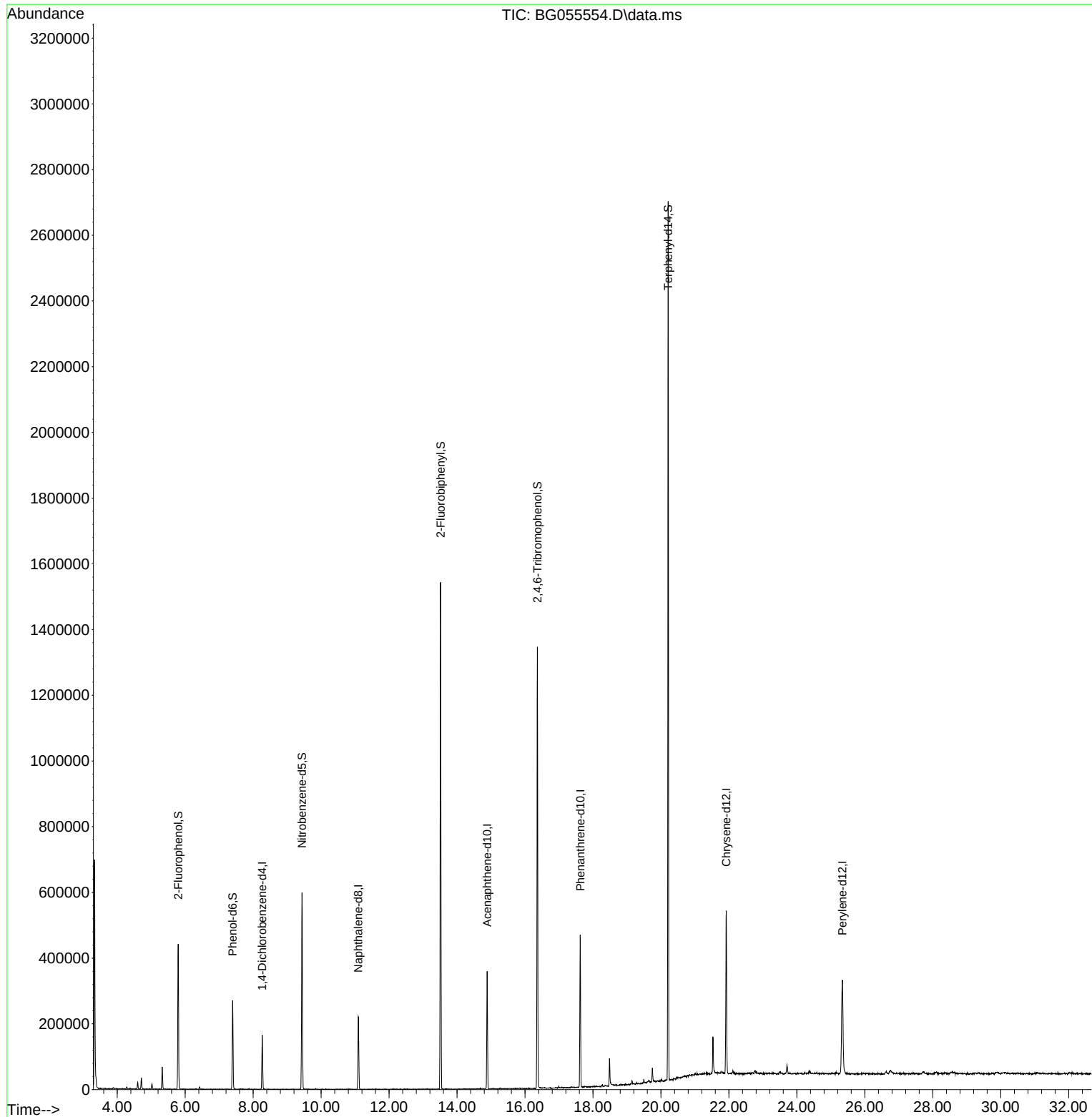
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

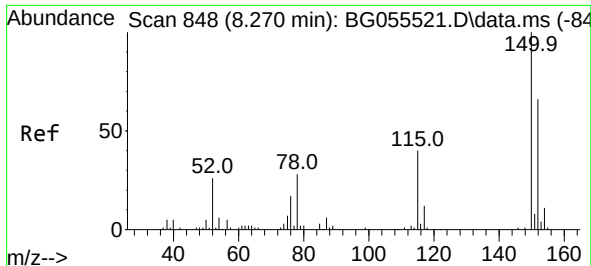
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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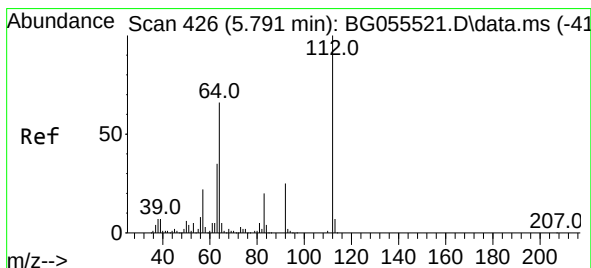
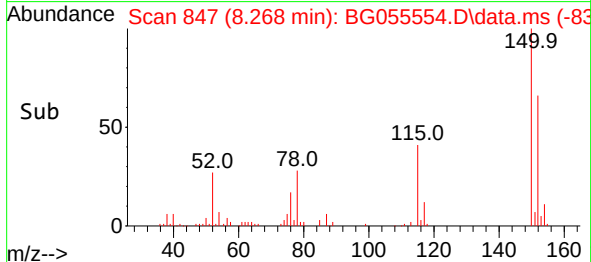
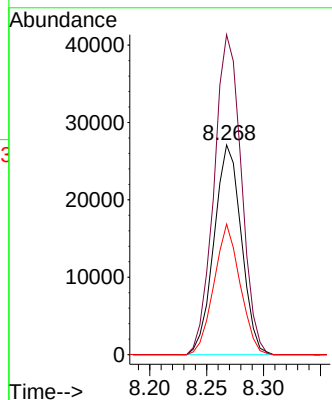
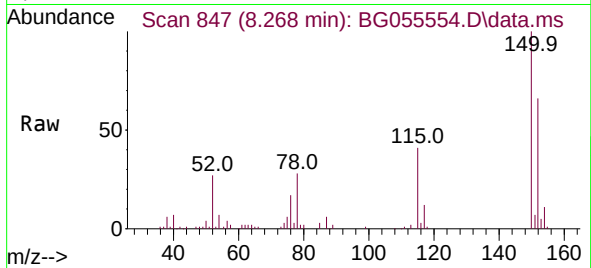




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.268 min Scan# 84  
Delta R.T. -0.002 min  
Lab File: BG055554.D  
Acq: 11 Nov 2022 1:06

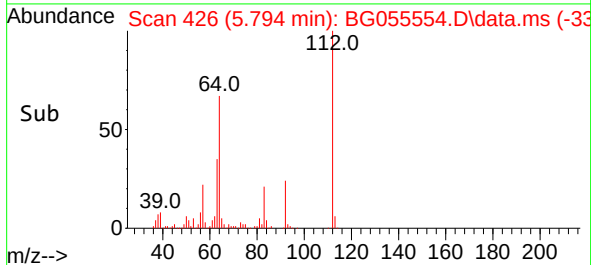
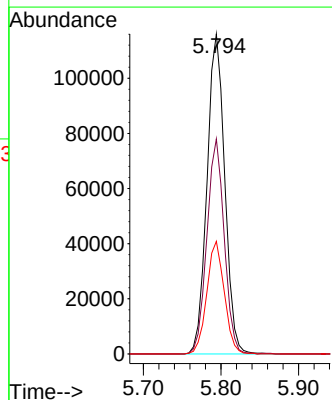
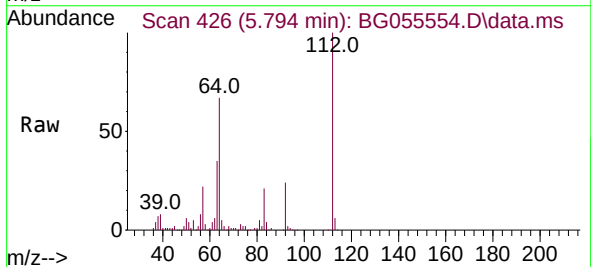
Instrument :  
BNA\_G  
ClientSampleId :  
RED-006-5

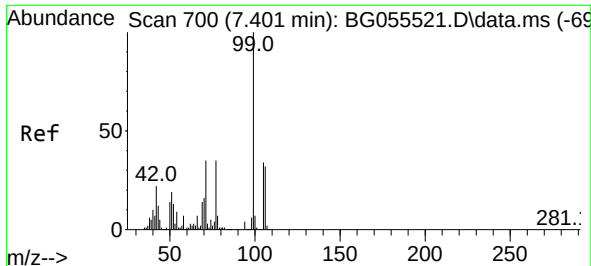
Tgt Ion:152 Resp: 45140  
Ion Ratio Lower Upper  
152 100  
150 152.6 121.0 181.4  
115 62.2 47.8 71.8



#5  
2-Fluorophenol  
Concen: 77.738 ng  
RT: 5.794 min Scan# 426  
Delta R.T. 0.003 min  
Lab File: BG055554.D  
Acq: 11 Nov 2022 1:06

Tgt Ion:112 Resp: 184232  
Ion Ratio Lower Upper  
112 100  
64 67.2 52.6 78.8  
63 35.2 28.3 42.5

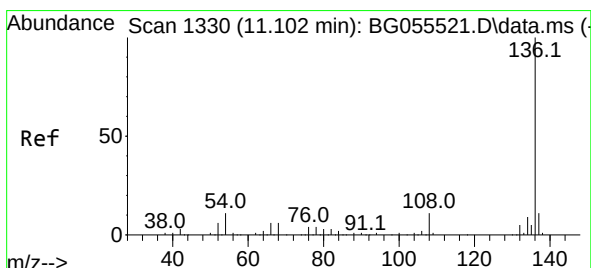
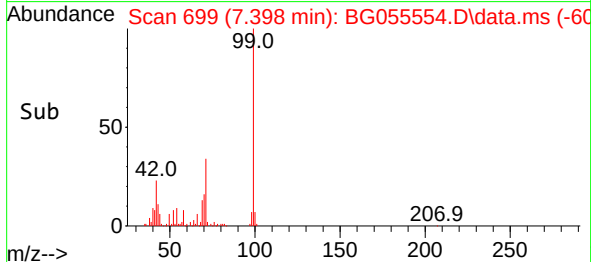
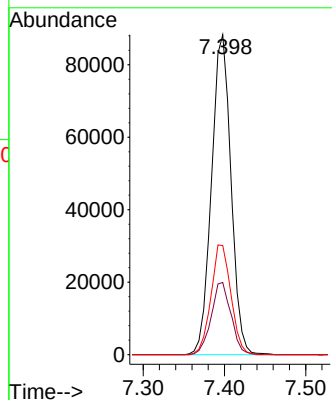
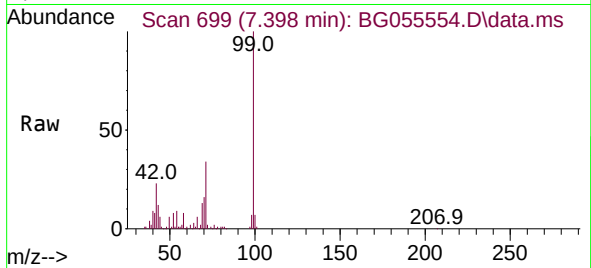




#7  
Phenol-d6  
Concen: 44.919 ng  
RT: 7.398 min Scan# 69  
Delta R.T. -0.003 min  
Lab File: BG055554.D  
Acq: 11 Nov 2022 1:06

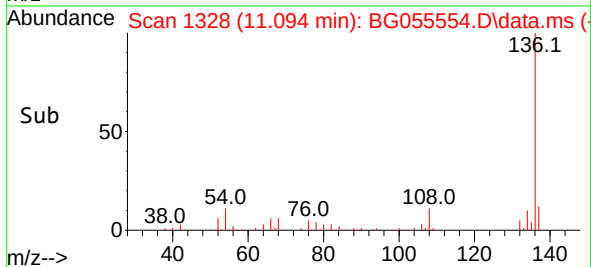
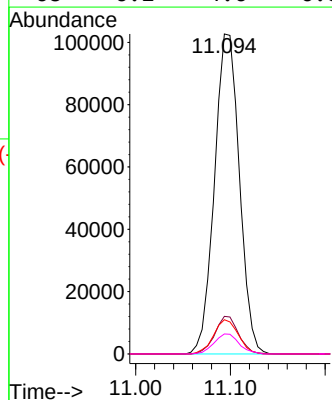
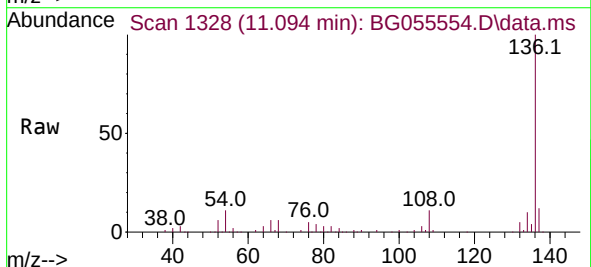
Instrument :  
BNA\_G  
ClientSampleId :  
RED-006-5

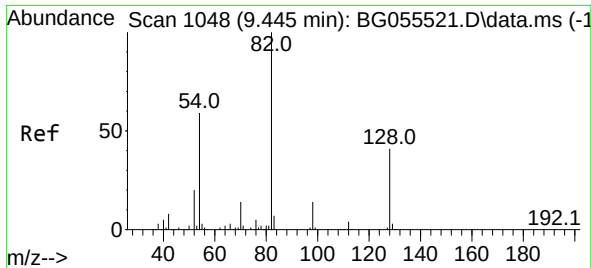
Tgt Ion: 99 Resp: 147046  
Ion Ratio Lower Upper  
99 100  
42 22.5 17.5 26.3  
71 34.1 28.3 42.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.094 min Scan# 1328  
Delta R.T. -0.008 min  
Lab File: BG055554.D  
Acq: 11 Nov 2022 1:06

Tgt Ion: 136 Resp: 187333  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.6 12.8  
54 10.7 8.6 12.8  
68 6.2 4.6 6.8





#23

Nitrobenzene-d5

Concen: 124.496 ng

RT: 9.437 min Scan# 1046

Delta R.T. -0.008 min

Lab File: BG055554.D

Acq: 11 Nov 2022 1:06

Instrument :

BNA\_G

ClientSampleId :

RED-006-5

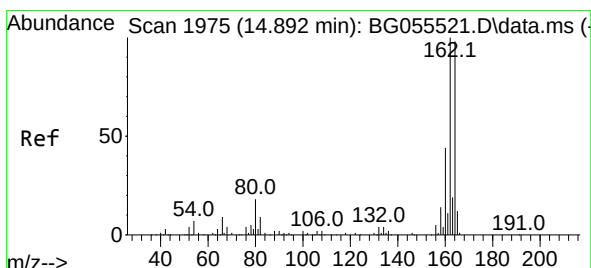
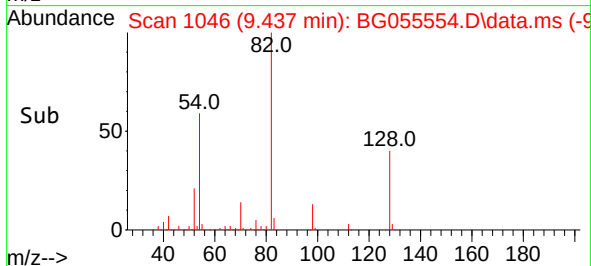
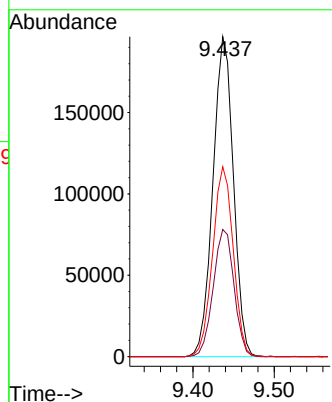
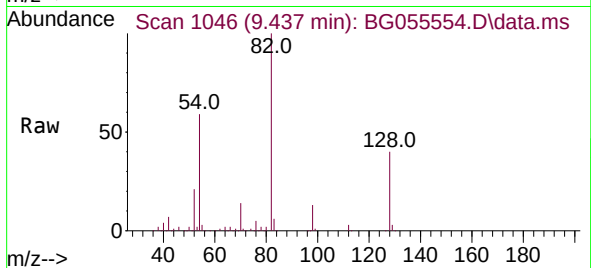
Tgt Ion: 82 Resp: 344027

Ion Ratio Lower Upper

82 100

128 39.7 32.6 49.0

54 59.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.883 min Scan# 1973

Delta R.T. -0.009 min

Lab File: BG055554.D

Acq: 11 Nov 2022 1:06

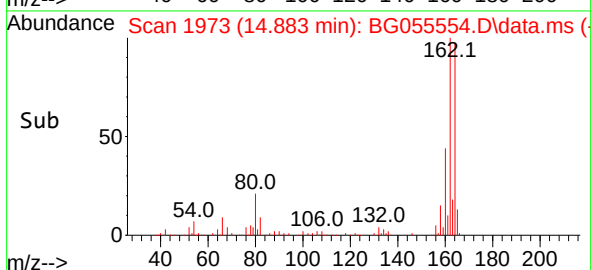
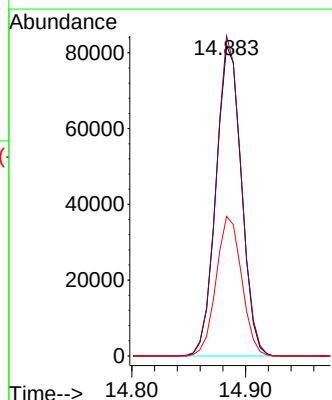
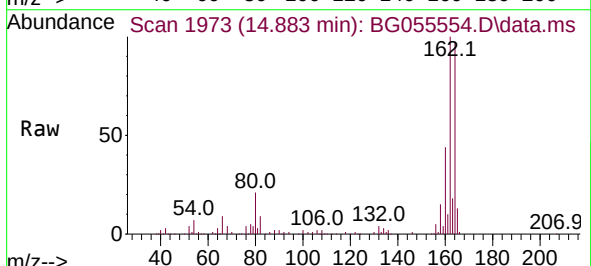
Tgt Ion: 164 Resp: 126922

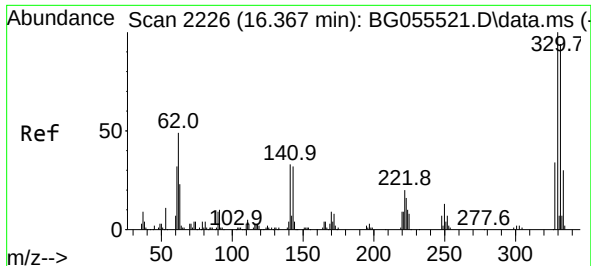
Ion Ratio Lower Upper

164 100

162 103.1 81.3 121.9

160 44.9 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 202.521 ng

RT: 16.364 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055554.D

Acq: 11 Nov 2022 1:06

Instrument :

BNA\_G

ClientSampleId :

RED-006-5

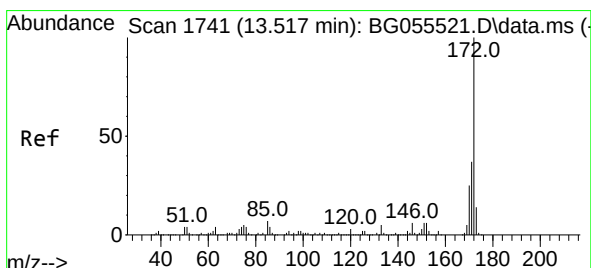
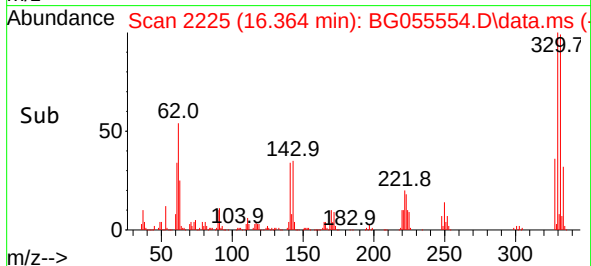
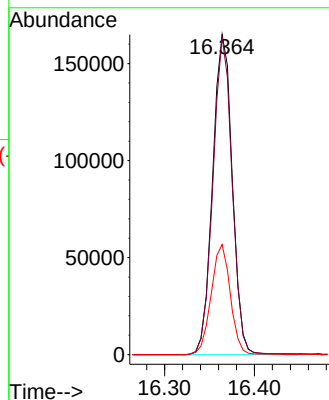
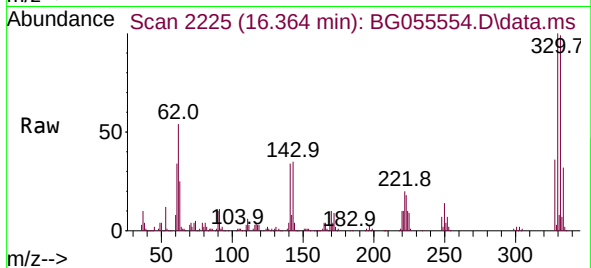
Tgt Ion:330 Resp: 250799

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 33.7 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 95.485 ng

RT: 13.514 min Scan# 1740

Delta R.T. -0.003 min

Lab File: BG055554.D

Acq: 11 Nov 2022 1:06

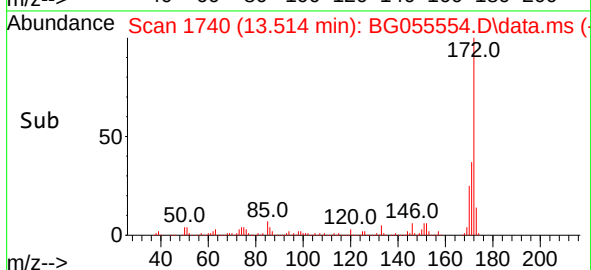
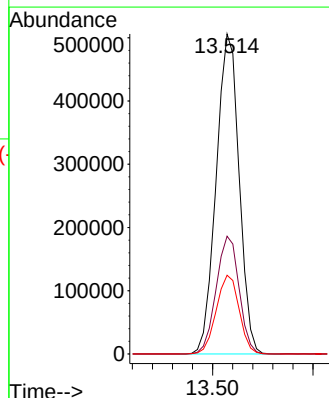
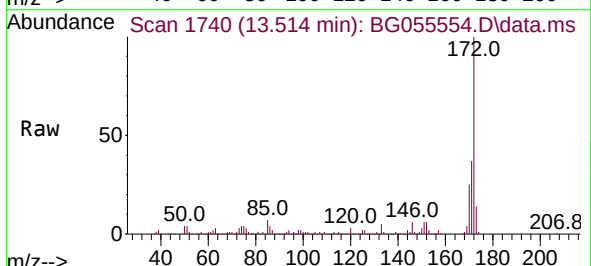
Tgt Ion:172 Resp: 803445

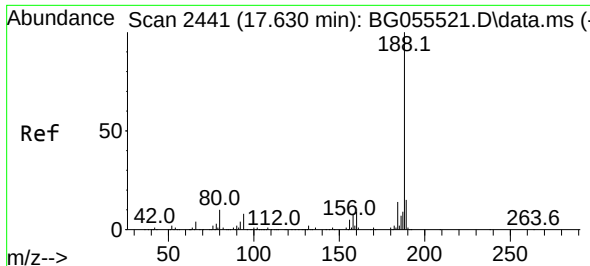
Ion Ratio Lower Upper

172 100

171 36.8 29.7 44.5

170 24.6 19.8 29.6

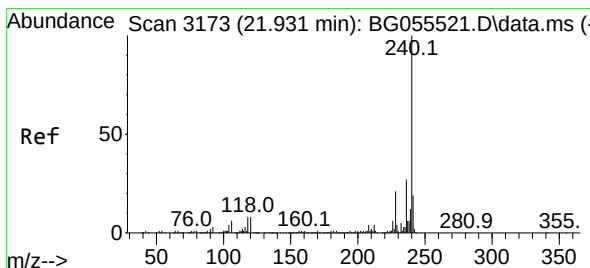
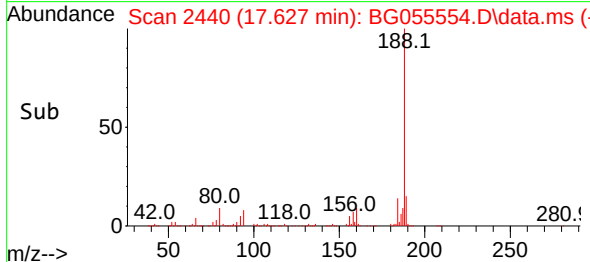
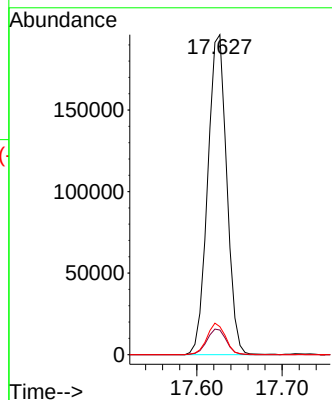
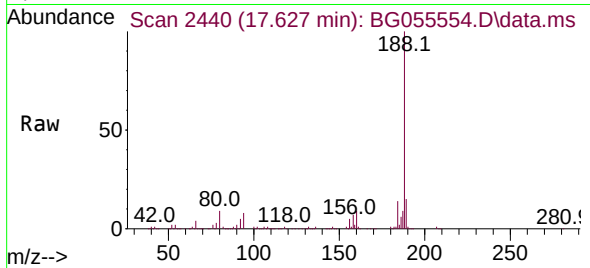




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.627 min Scan# 2441  
Delta R.T. -0.003 min  
Lab File: BG055554.D  
Acq: 11 Nov 2022 1:06

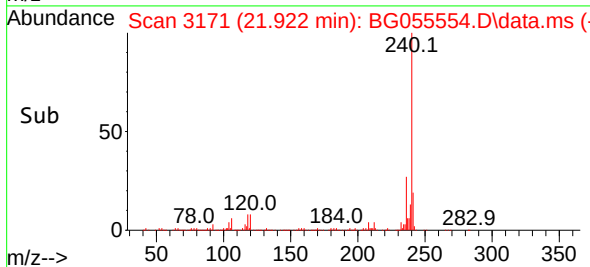
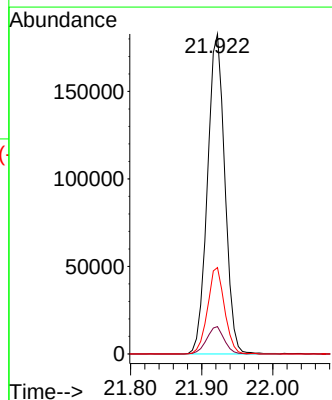
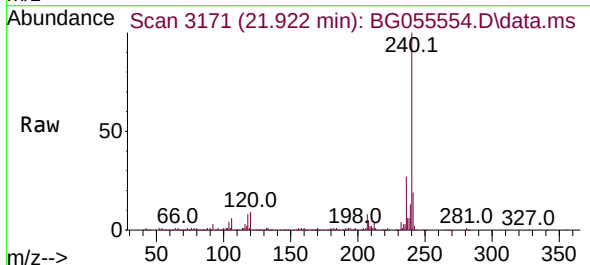
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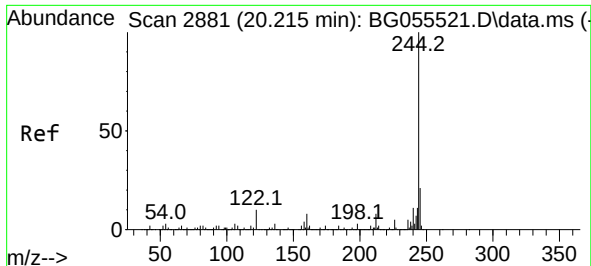
Tgt Ion:188 Resp: 303446  
Ion Ratio Lower Upper  
188 100  
94 7.7 6.4 9.6  
80 8.7 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.922 min Scan# 3171  
Delta R.T. -0.009 min  
Lab File: BG055554.D  
Acq: 11 Nov 2022 1:06

Tgt Ion:240 Resp: 309299  
Ion Ratio Lower Upper  
240 100  
120 8.6 6.1 9.1  
236 27.0 21.4 32.0

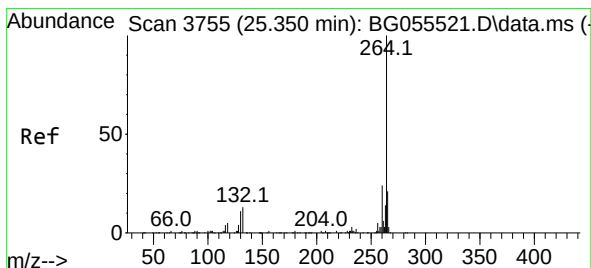
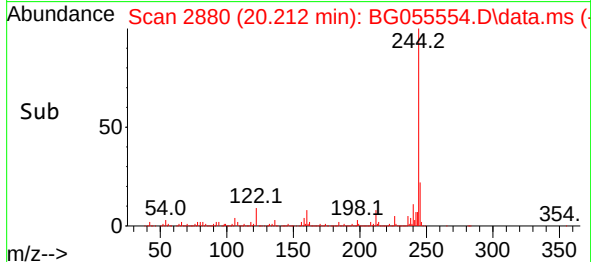
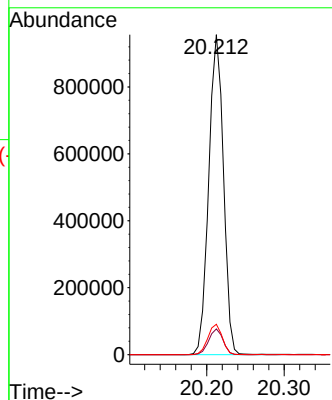
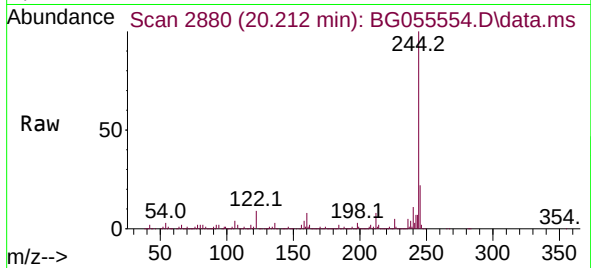




#79  
 Terphenyl-d14  
 Concen: 81.658 ng  
 RT: 20.212 min Scan# 2881  
 Delta R.T. -0.003 min  
 Lab File: BG055554.D  
 Acq: 11 Nov 2022 1:06

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RED-006-5

Tgt Ion:244 Resp: 1257456  
 Ion Ratio Lower Upper  
 244 100  
 212 8.0 6.5 9.7  
 122 9.5 7.7 11.5



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.342 min Scan# 3753  
 Delta R.T. -0.008 min  
 Lab File: BG055554.D  
 Acq: 11 Nov 2022 1:06

Tgt Ion:264 Resp: 324781  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.4 29.2  
 265 21.0 17.1 25.7

