

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG102822\  
 Data File : BG055355.D  
 Acq On : 29 Oct 2022 00:09  
 Operator : CG/JU  
 Sample : N5226-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 20221098-203-SITE-WATER

Quant Time: Oct 29 04:57:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Oct 29 04:52:38 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.265  | 152  | 31757    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.091 | 136  | 135902   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.875 | 164  | 94836    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.607 | 188  | 221942   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.878 | 240  | 222886   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.268 | 264  | 230213   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.785  | 112  | 168529   | 92.921  | ng    | 0.00     |
| 7) Phenol-d6                | 7.407  | 99   | 195417   | 74.371  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.434  | 82   | 254837   | 95.751  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.355 | 330  | 195925   | 190.043 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.506 | 172  | 647380   | 111.730 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.180 | 244  | 1179265  | 109.928 | ng    | 0.00     |

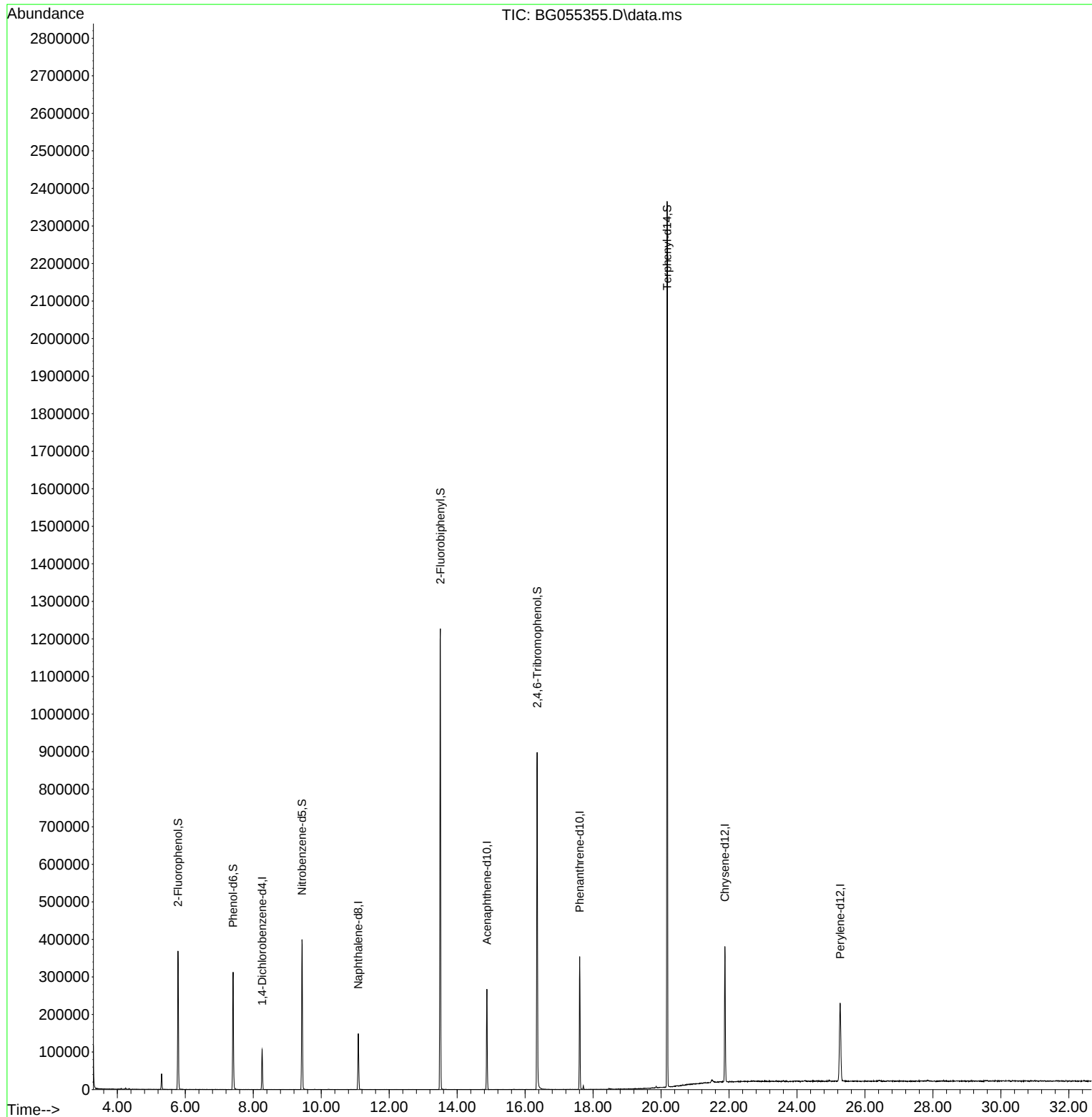
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

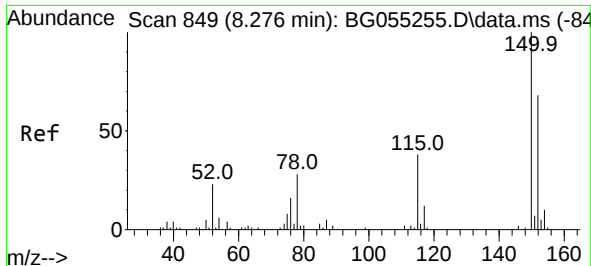
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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20221098-203-SITE-WATER

Quant Time: Oct 29 04:57:01 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG102422.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat Oct 29 04:52:38 2022  
Response via : Initial Calibration

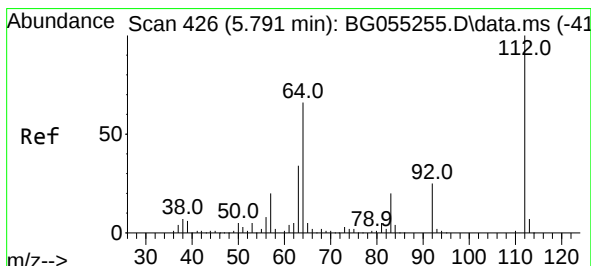
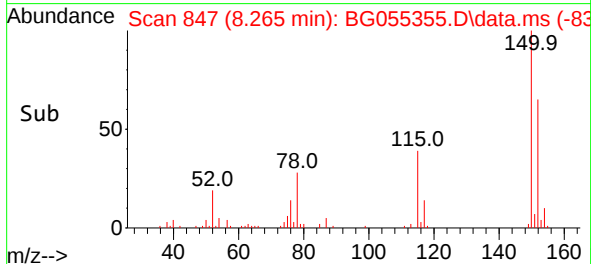
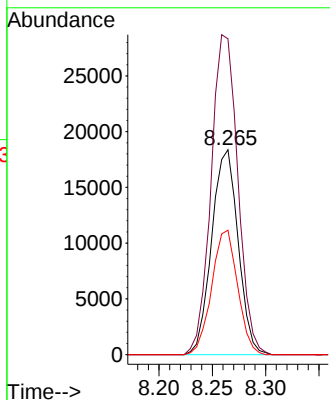
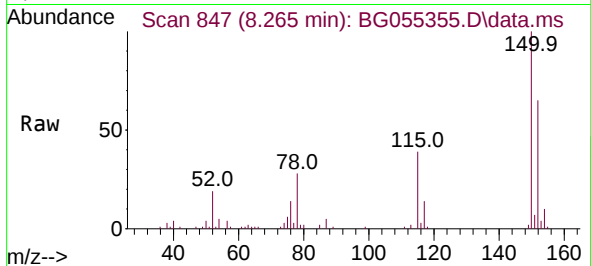




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.265 min Scan# 84  
Delta R.T. -0.000 min  
Lab File: BG055355.D  
Acq: 29 Oct 2022 00:09

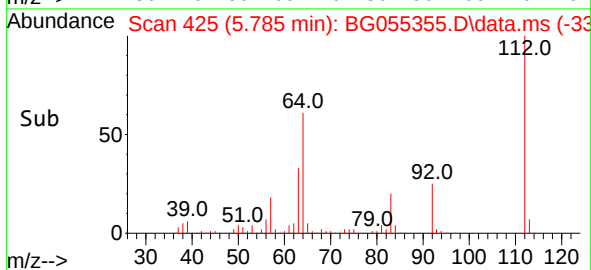
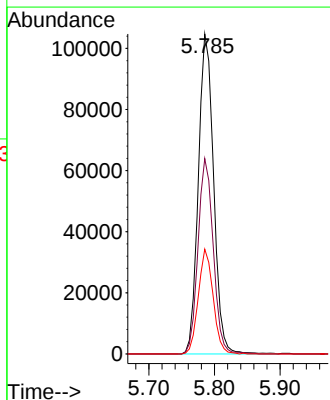
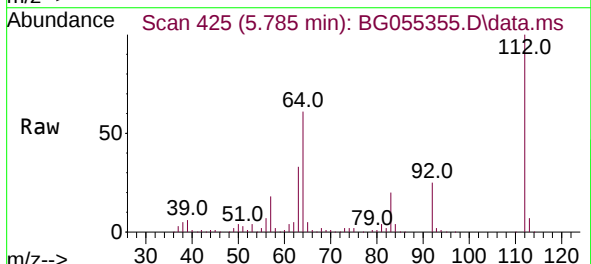
Instrument :  
BNA\_G  
ClientSampleId :  
20221098-203-SITE-WATER

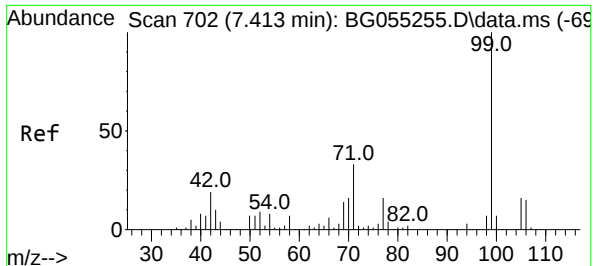
Tgt Ion:152 Resp: 31757  
Ion Ratio Lower Upper  
152 100  
150 154.1 118.2 177.4  
115 60.7 44.5 66.7



#5  
2-Fluorophenol  
Concen: 92.921 ng  
RT: 5.785 min Scan# 425  
Delta R.T. -0.000 min  
Lab File: BG055355.D  
Acq: 29 Oct 2022 00:09

Tgt Ion:112 Resp: 168529  
Ion Ratio Lower Upper  
112 100  
64 61.0 52.6 78.8  
63 32.7 27.1 40.7

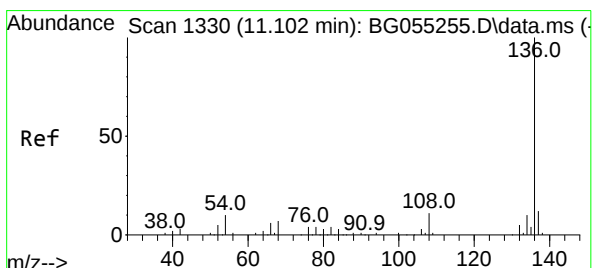
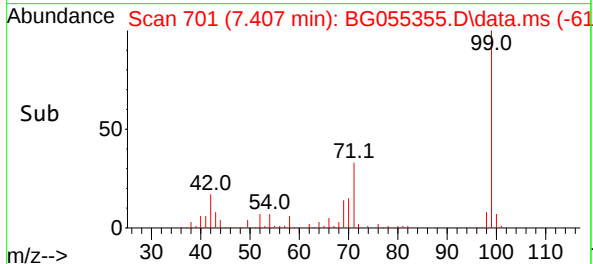
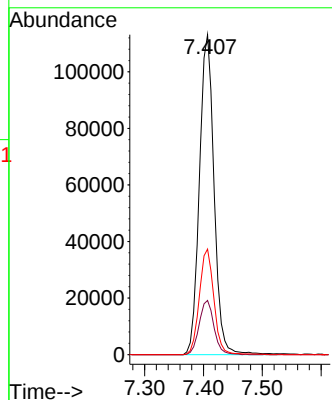
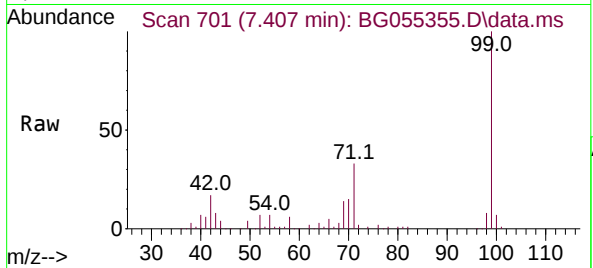




#7  
Phenol-d6  
Concen: 74.371 ng  
RT: 7.407 min Scan# 70  
Delta R.T. -0.006 min  
Lab File: BG055355.D  
Acq: 29 Oct 2022 00:09

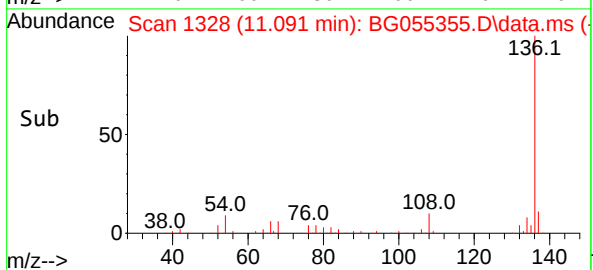
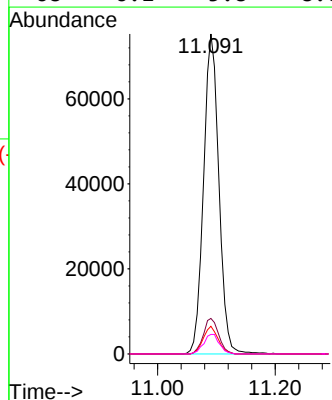
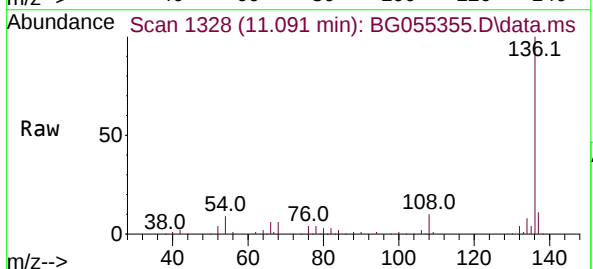
Instrument :  
BNA\_G  
ClientSampleId :  
20221098-203-SITE-WATER

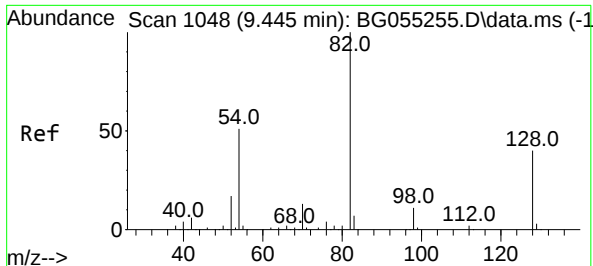
Tgt Ion: 99 Resp: 195417  
Ion Ratio Lower Upper  
99 100  
42 17.0 15.2 22.8  
71 33.0 26.2 39.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.091 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BG055355.D  
Acq: 29 Oct 2022 00:09

Tgt Ion:136 Resp: 135902  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 8.6 7.8 11.8  
68 6.1 5.8 8.6





#23

Nitrobenzene-d5

Concen: 95.751 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055355.D

Acq: 29 Oct 2022 00:09

Instrument :

BNA\_G

ClientSampleId :

20221098-203-SITE-WATER

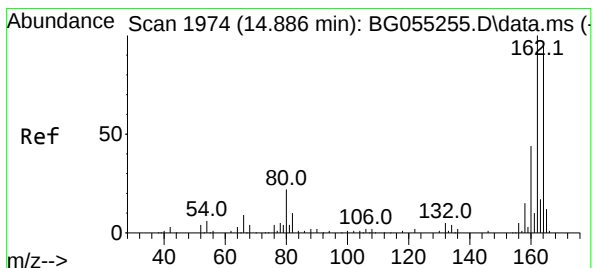
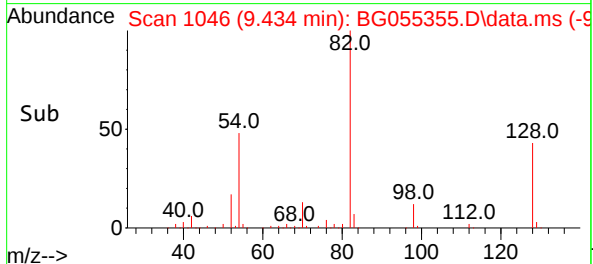
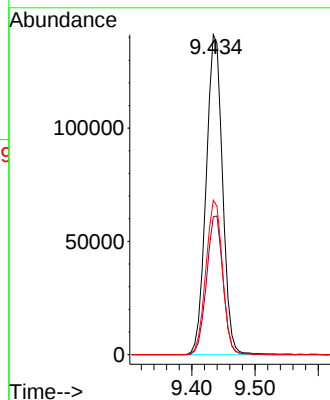
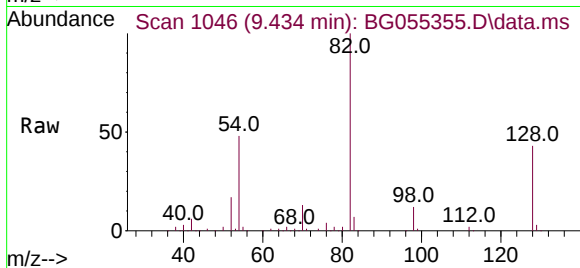
Tgt Ion: 82 Resp: 254837

Ion Ratio Lower Upper

82 100

128 43.1 32.0 48.0

54 48.3 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055355.D

Acq: 29 Oct 2022 00:09

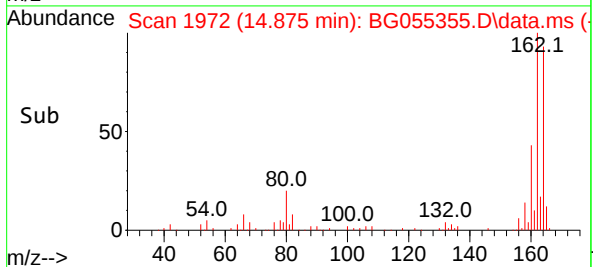
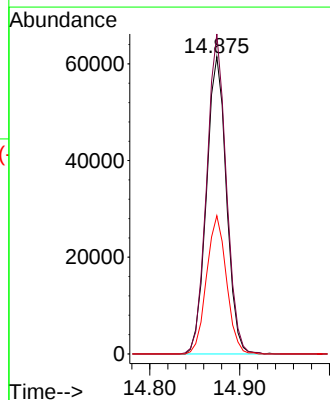
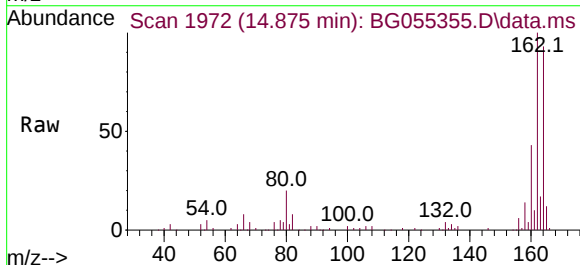
Tgt Ion:164 Resp: 94836

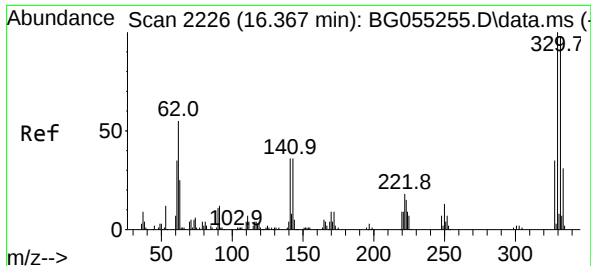
Ion Ratio Lower Upper

164 100

162 107.6 84.0 126.0

160 46.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 190.043 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055355.D

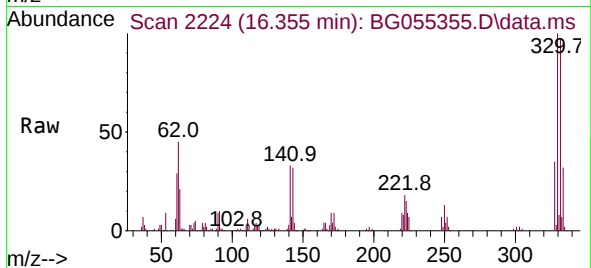
Acq: 29 Oct 2022 00:09

Instrument :

BNA\_G

ClientSampleId :

20221098-203-SITE-WATER



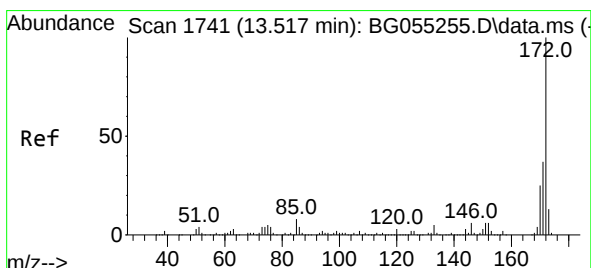
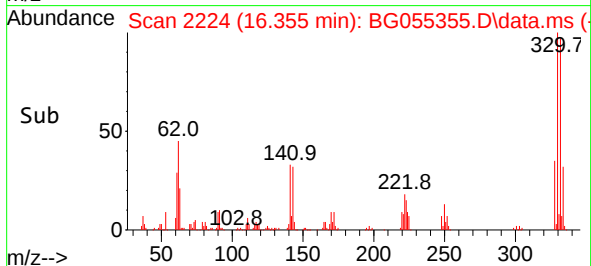
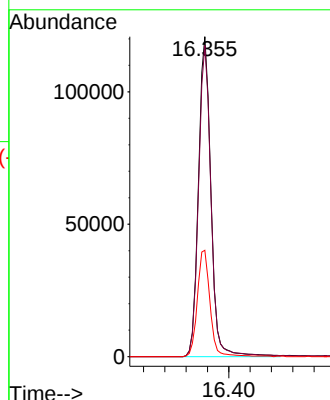
Tgt Ion:330 Resp: 195925

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 33.7 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 111.730 ng

RT: 13.506 min Scan# 1739

Delta R.T. -0.006 min

Lab File: BG055355.D

Acq: 29 Oct 2022 00:09

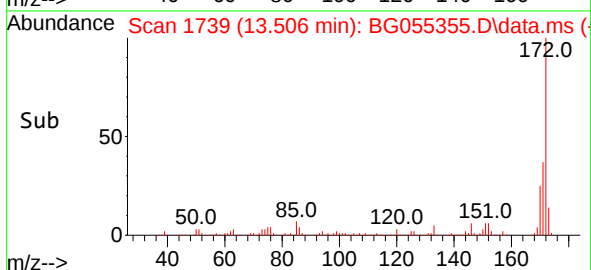
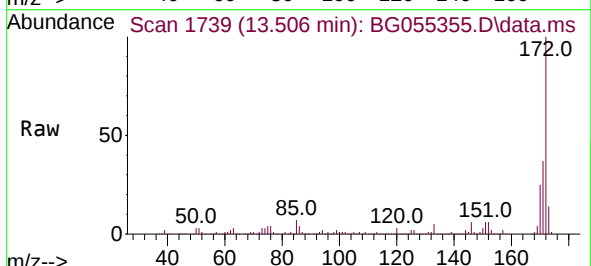
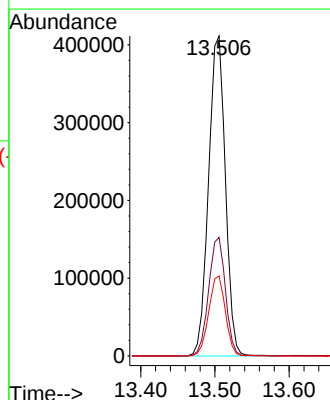
Tgt Ion:172 Resp: 647380

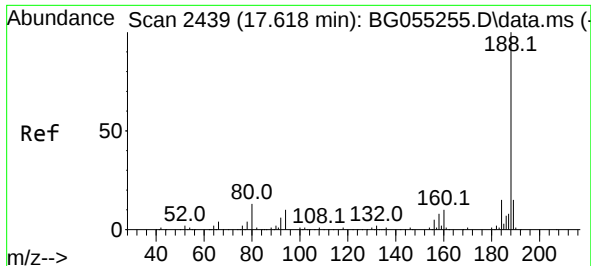
Ion Ratio Lower Upper

172 100

171 37.0 29.7 44.5

170 25.0 20.2 30.2

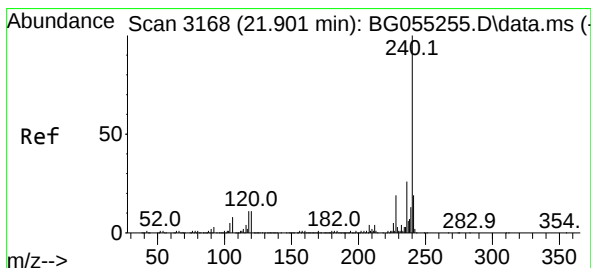
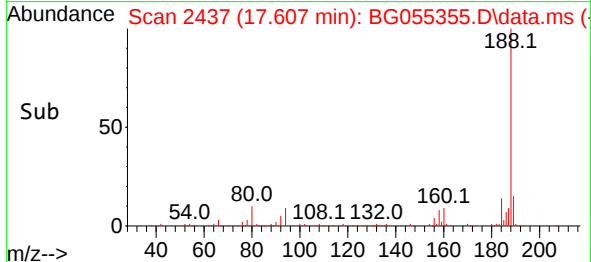
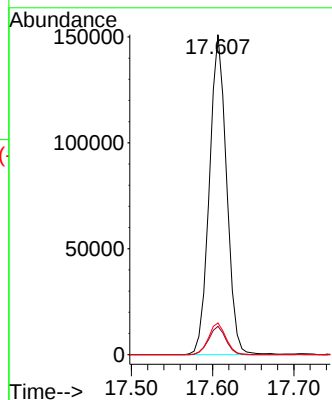
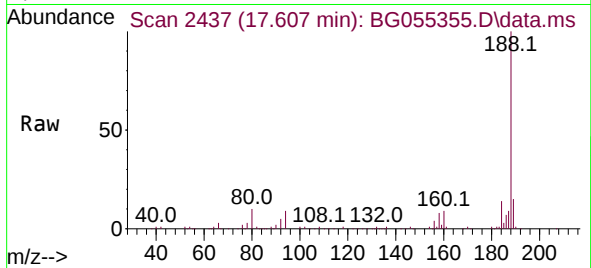




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.607 min Scan# 2437  
Delta R.T. -0.006 min  
Lab File: BG055355.D  
Acq: 29 Oct 2022 00:09

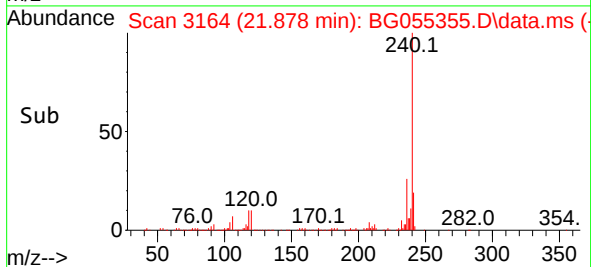
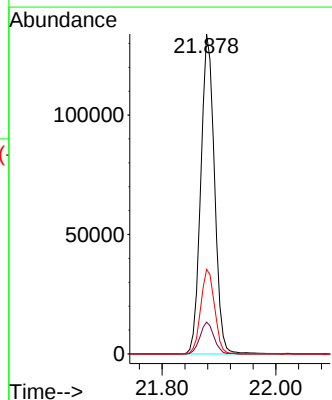
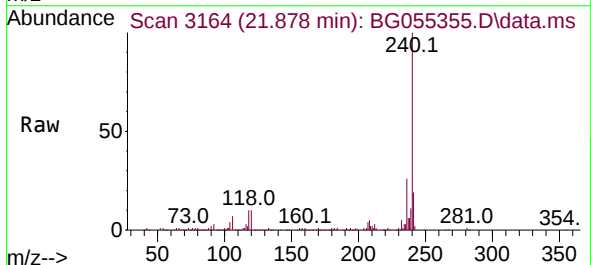
Instrument :  
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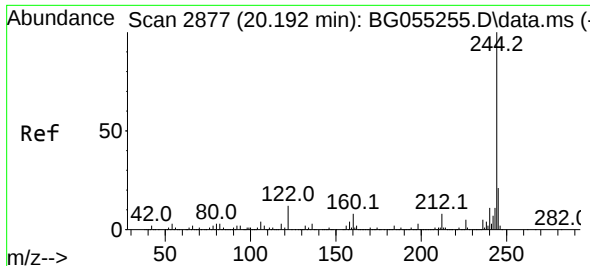
Tgt Ion:188 Resp: 221942  
Ion Ratio Lower Upper  
188 100  
94 8.8 8.2 12.4  
80 9.9 10.1 15.1#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.878 min Scan# 3164  
Delta R.T. -0.012 min  
Lab File: BG055355.D  
Acq: 29 Oct 2022 00:09

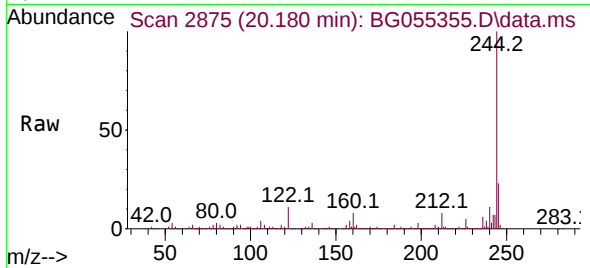
Tgt Ion:240 Resp: 222886  
Ion Ratio Lower Upper  
240 100  
120 9.9 8.9 13.3  
236 26.4 21.0 31.4



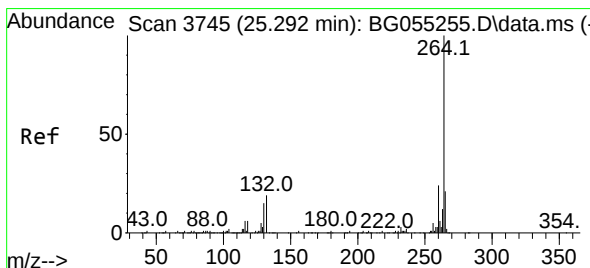
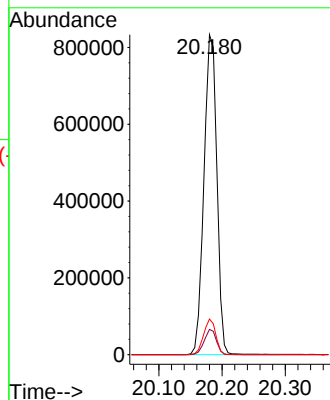
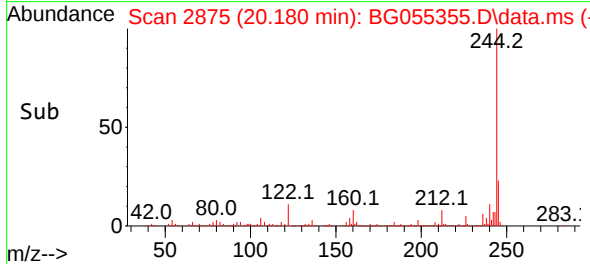


#79  
 Terphenyl-d14  
 Concen: 109.928 ng  
 RT: 20.180 min Scan# 2875  
 Delta R.T. -0.006 min  
 Lab File: BG055355.D  
 Acq: 29 Oct 2022 00:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1179265  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.0 9.0  
 122 11.1 9.6 14.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.268 min Scan# 3741  
 Delta R.T. -0.018 min  
 Lab File: BG055355.D  
 Acq: 29 Oct 2022 00:09

Tgt Ion:264 Resp: 230213  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.5 29.3  
 265 22.1 17.4 26.2

