

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042424\  
 Data File : BF137721.D  
 Acq On : 24 Apr 2024 16:39  
 Operator : CG\JU  
 Sample : P2226-01  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GROUND-WATER

Quant Time: Apr 24 17:03:12 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 24 03:57:12 2024  
 Response via : Initial Calibration

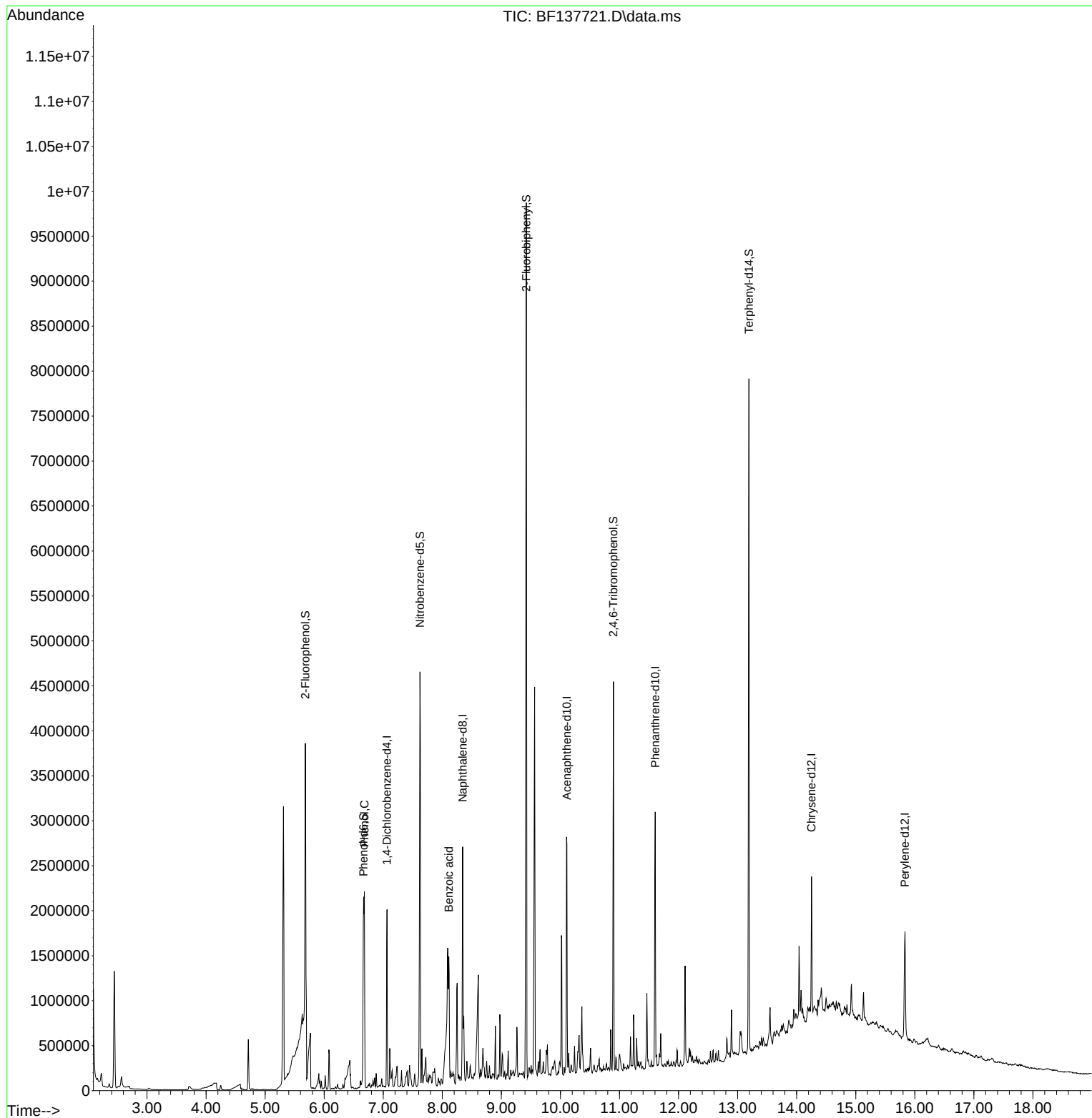
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.063  | 152  | 266909   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.345  | 136  | 1060047  | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 10.110 | 164  | 572344   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.604 | 188  | 899135   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.251 | 240  | 484743   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.833 | 264  | 586457   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.681  | 112  | 770139   | 43.830 | ng    | 0.00     |
| 7) Phenol-d6                | 6.663  | 99   | 650165   | 29.138 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.622  | 82   | 1667814  | 83.518 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.898 | 330  | 492547   | 85.284 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.422  | 172  | 3057567  | 79.823 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.192 | 244  | 2597437  | 86.246 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 10) Phenol                  | 6.681  | 94   | 542534   | 24.339 | ng    | 97       |
| 32) Benzoic acid            | 8.110  | 122  | 660384   | 58.389 | ng    | 92       |
| -----                       |        |      |          |        |       |          |

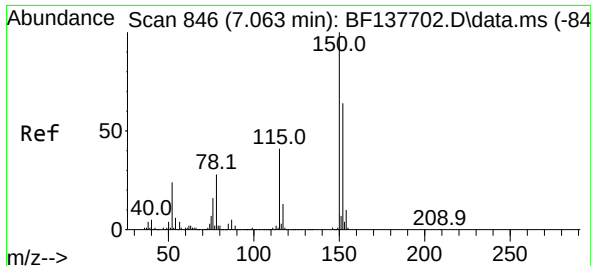
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042424\  
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Misc :  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

Quant Time: Apr 24 17:03:12 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042324.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 24 03:57:12 2024  
Response via : Initial Calibration

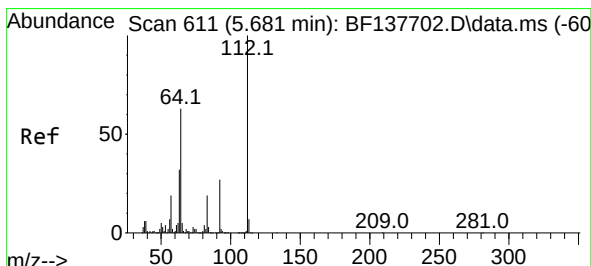
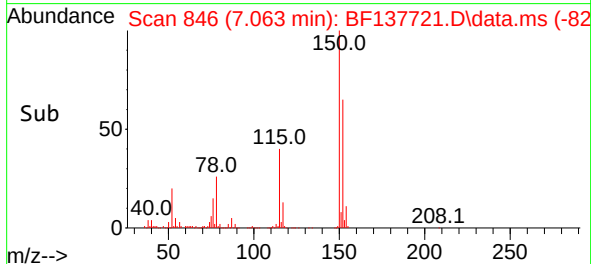
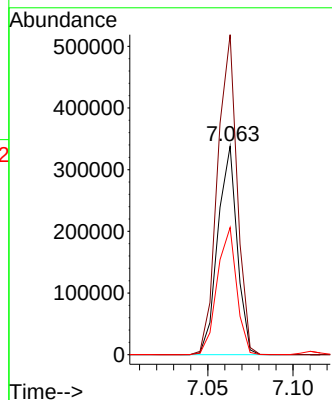
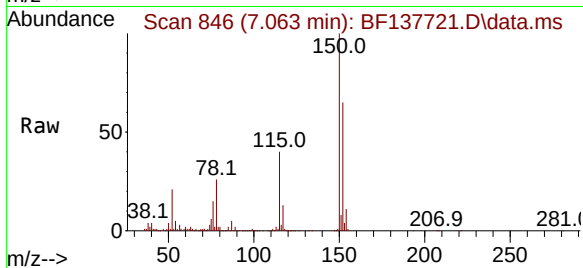




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.063 min Scan# 846  
Delta R.T. 0.000 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

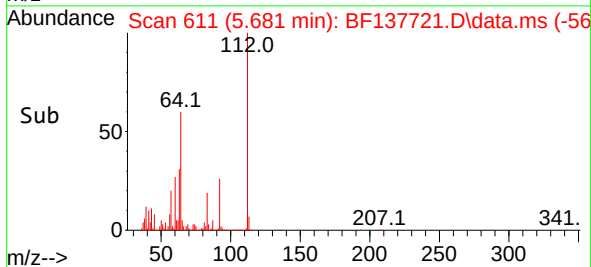
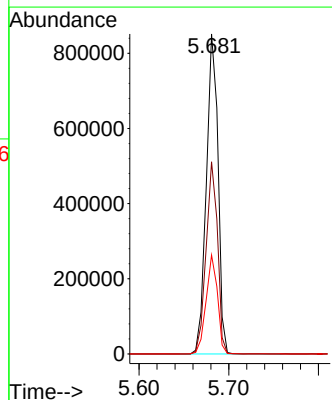
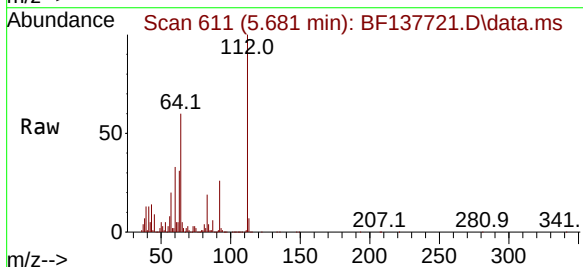
Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

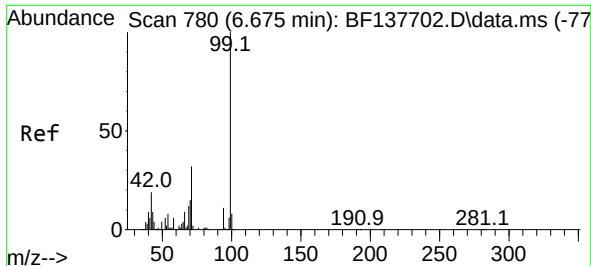
Tgt Ion:152 Resp: 266909  
Ion Ratio Lower Upper  
152 100  
150 153.5 124.2 186.4  
115 61.0 50.8 76.2



#5  
2-Fluorophenol  
Concen: 43.830 ng  
RT: 5.681 min Scan# 611  
Delta R.T. 0.000 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

Tgt Ion:112 Resp: 770139  
Ion Ratio Lower Upper  
112 100  
64 60.0 50.1 75.1  
63 30.9 25.2 37.8

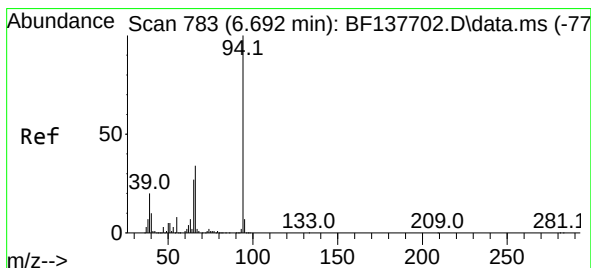
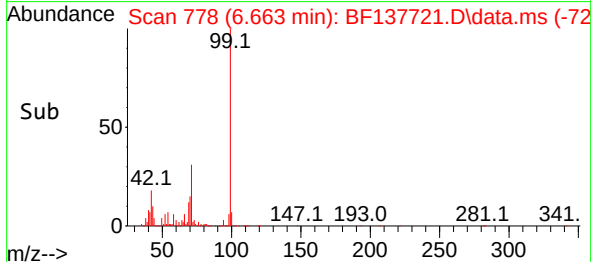
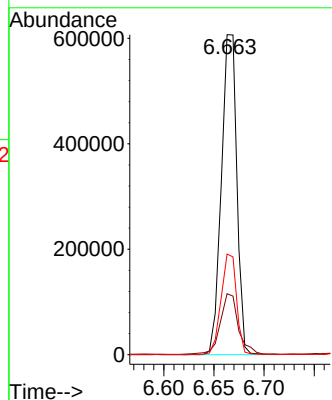
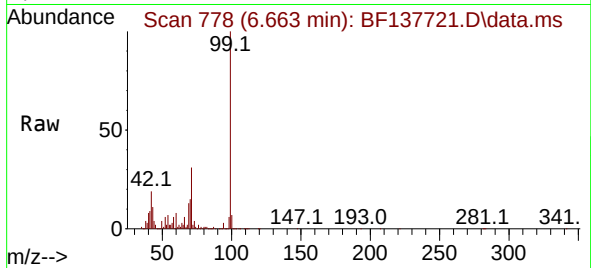




#7  
Phenol-d6  
Concen: 29.138 ng  
RT: 6.663 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

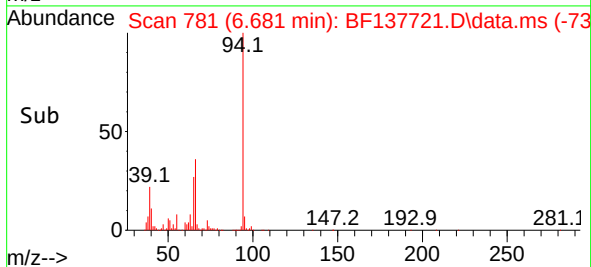
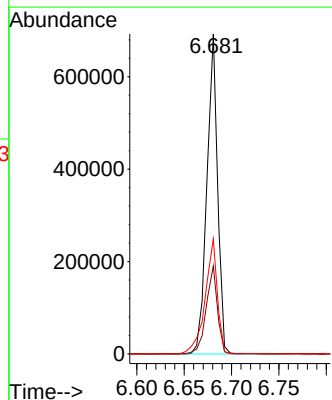
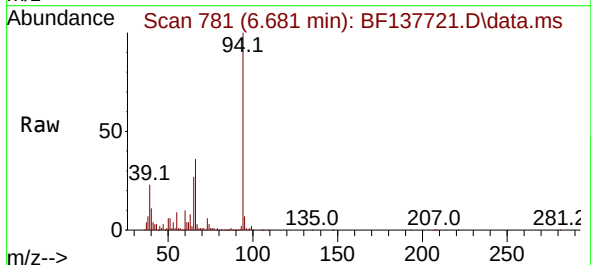
Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

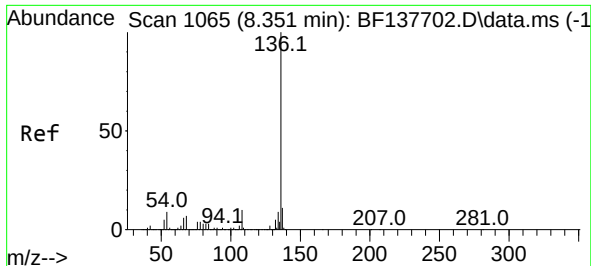
Tgt Ion: 99 Resp: 650165  
Ion Ratio Lower Upper  
99 100  
42 19.0 15.0 22.4  
71 31.5 25.7 38.5



#10  
Phenol  
Concen: 24.339 ng  
RT: 6.681 min Scan# 781  
Delta R.T. -0.012 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

Tgt Ion: 94 Resp: 542534  
Ion Ratio Lower Upper  
94 100  
65 27.5 6.5 46.5  
66 35.9 13.9 53.9



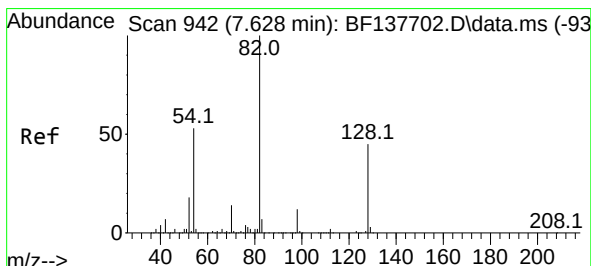
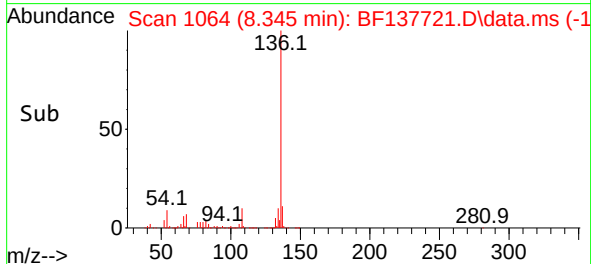
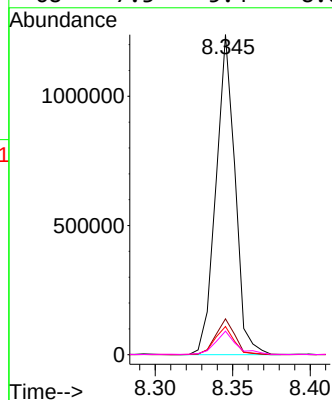
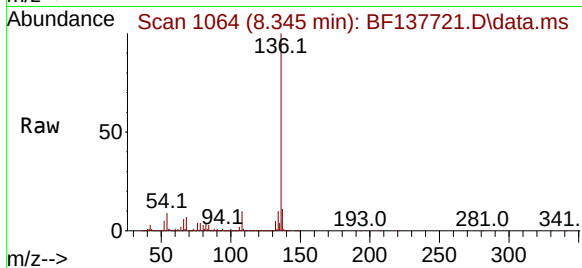


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.345 min Scan# 1064  
Delta R.T. -0.006 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

Tgt Ion:136 Resp: 1060047

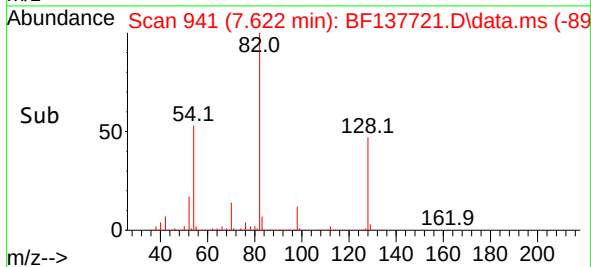
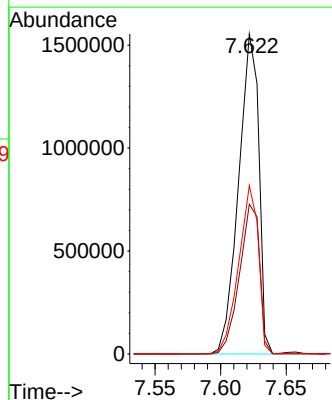
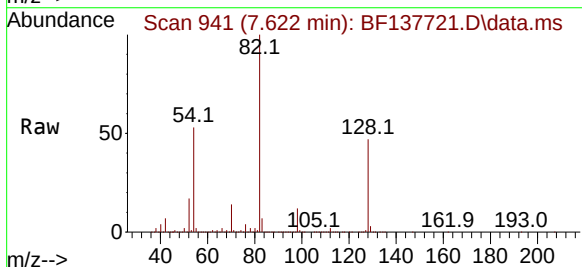
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.2  | 8.8   | 13.2  |
| 54  | 8.8   | 6.9   | 10.3  |
| 68  | 7.3   | 5.4   | 8.0   |

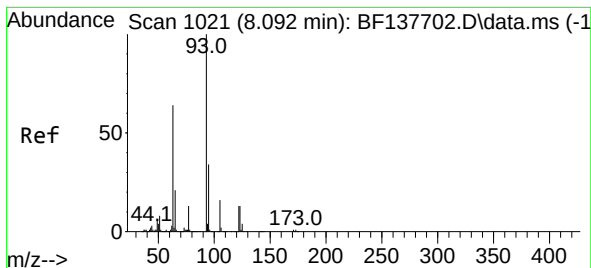


#23  
Nitrobenzene-d5  
Concen: 83.518 ng  
RT: 7.622 min Scan# 941  
Delta R.T. -0.006 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

Tgt Ion: 82 Resp: 1667814

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.8  | 35.8  | 53.6  |
| 54  | 52.6  | 42.5  | 63.7  |





#32

Benzoic acid

Concen: 58.389 ng

RT: 8.110 min Scan# 1021

Delta R.T. 0.018 min

Lab File: BF137721.D

Acq: 24 Apr 2024 16:39

Instrument :

BNA\_F

ClientSampleId :

GROUND-WATER

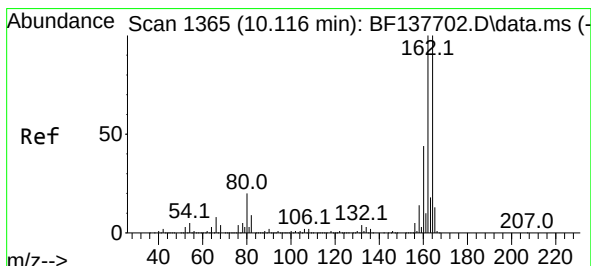
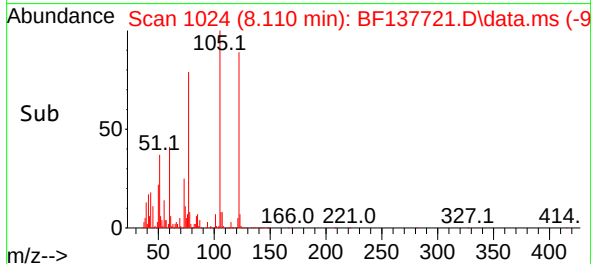
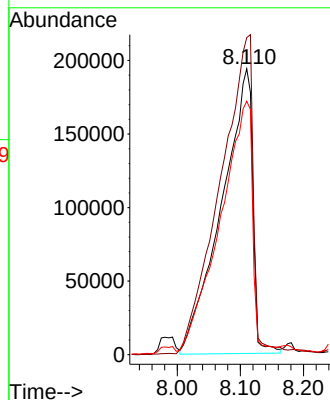
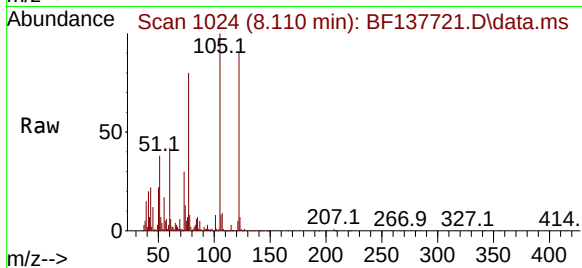
Tgt Ion:122 Resp: 660384

Ion Ratio Lower Upper

122 100

105 110.9 101.1 141.1

77 88.6 75.7 115.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.006 min

Lab File: BF137721.D

Acq: 24 Apr 2024 16:39

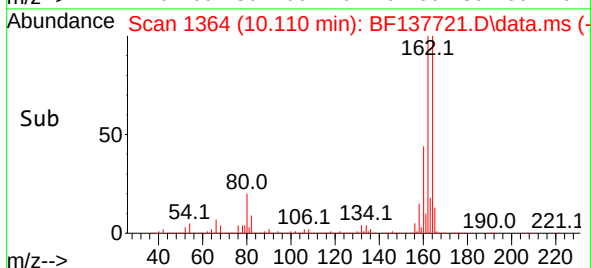
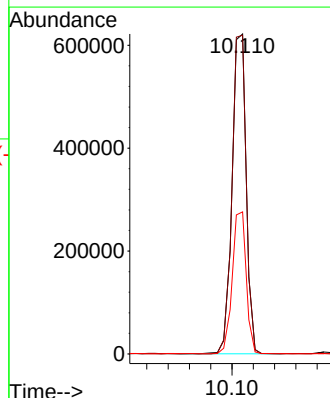
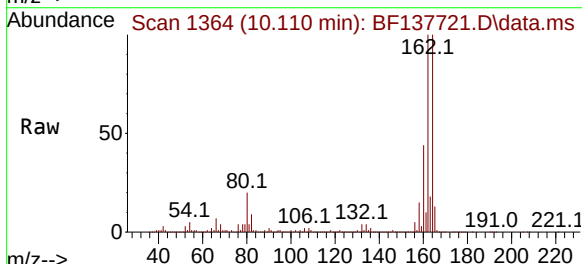
Tgt Ion:164 Resp: 572344

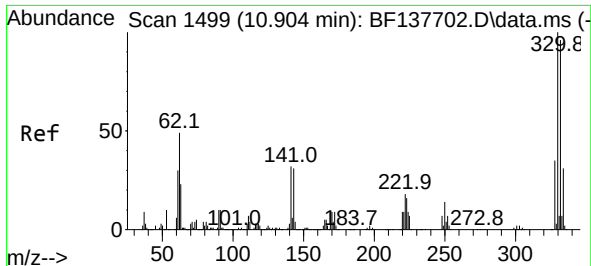
Ion Ratio Lower Upper

164 100

162 99.6 80.3 120.5

160 44.4 35.0 52.4





#42

2,4,6-Tribromophenol

Concen: 85.284 ng

RT: 10.898 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137721.D

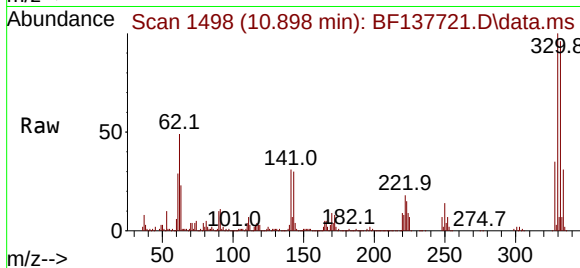
Acq: 24 Apr 2024 16:39

Instrument :

BNA\_F

ClientSampleId :

GROUND-WATER



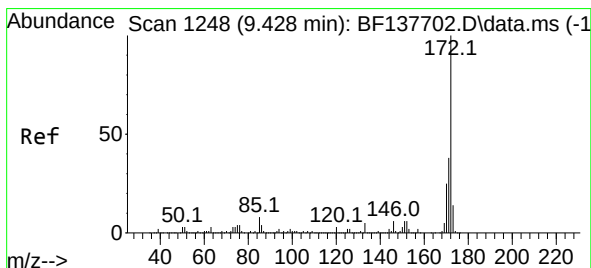
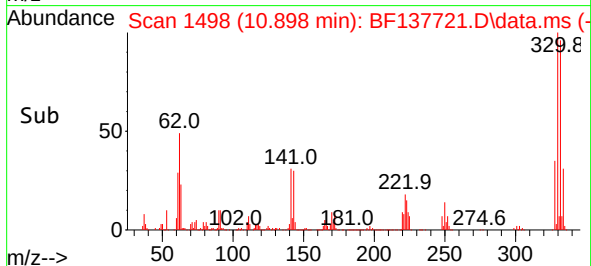
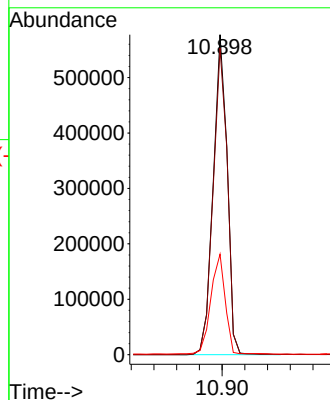
Tgt Ion:330 Resp: 492547

Ion Ratio Lower Upper

330 100

332 97.5 77.1 115.7

141 31.9 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 79.823 ng

RT: 9.422 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF137721.D

Acq: 24 Apr 2024 16:39

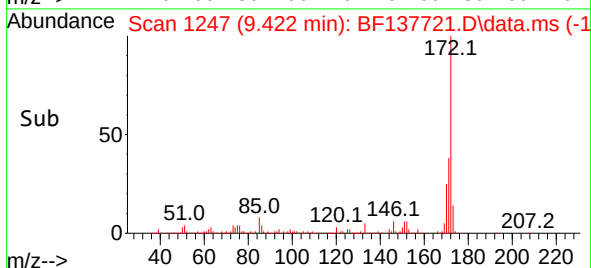
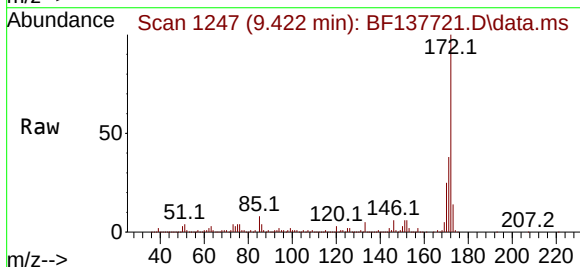
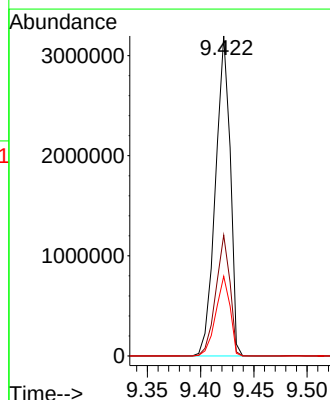
Tgt Ion:172 Resp: 3057567

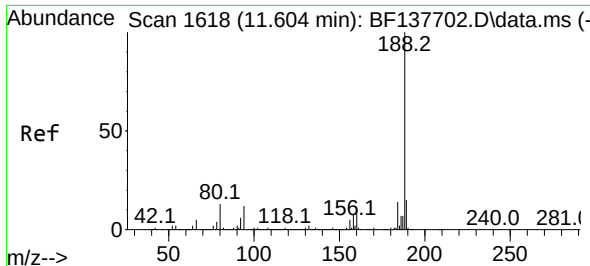
Ion Ratio Lower Upper

172 100

171 37.7 30.2 45.4

170 24.9 20.2 30.4

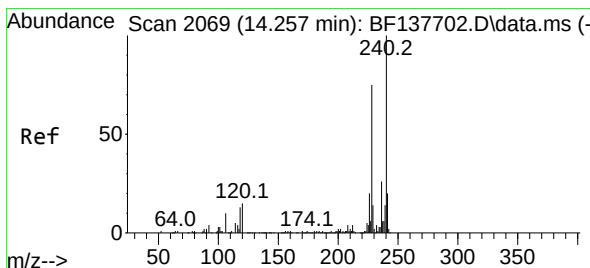
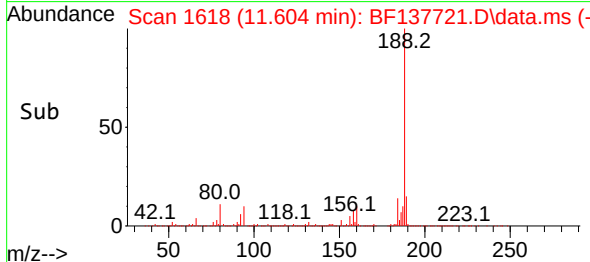
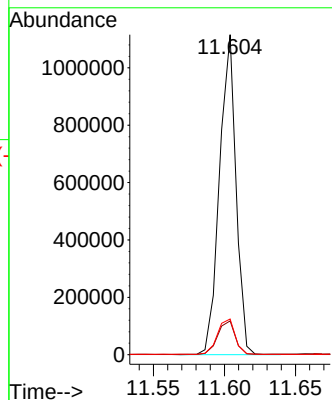
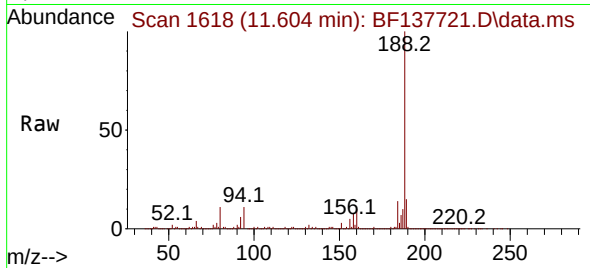




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.604 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

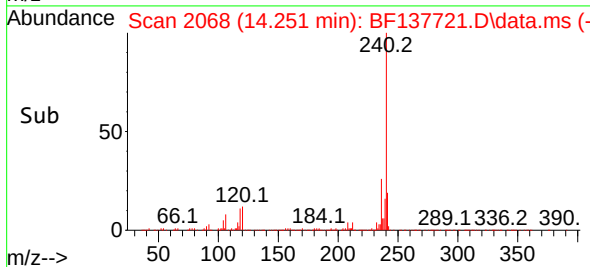
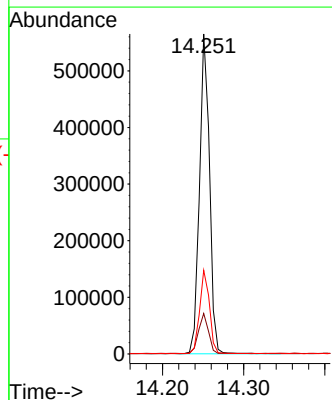
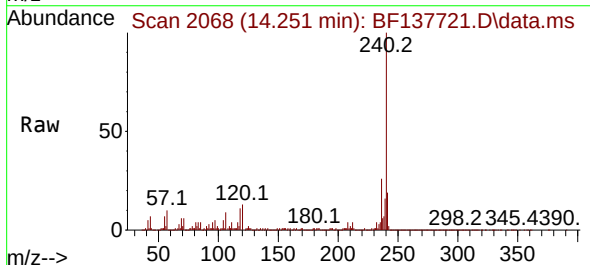
Instrument :  
BNA\_F  
ClientSampleId :  
GROUND-WATER

Tgt Ion:188 Resp: 899135  
Ion Ratio Lower Upper  
188 100  
94 10.5 9.4 14.2  
80 11.1 10.2 15.4

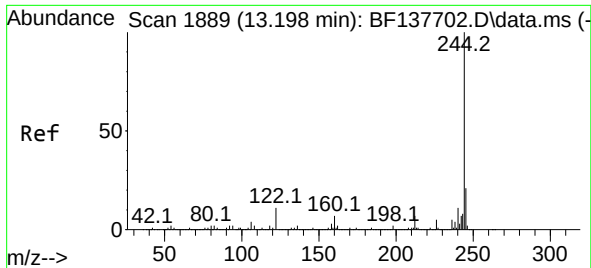


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.251 min Scan# 2068  
Delta R.T. -0.006 min  
Lab File: BF137721.D  
Acq: 24 Apr 2024 16:39

Tgt Ion:240 Resp: 484743  
Ion Ratio Lower Upper  
240 100  
120 12.6 11.9 17.9  
236 26.2 20.8 31.2



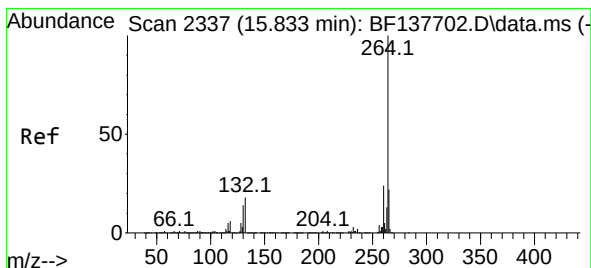
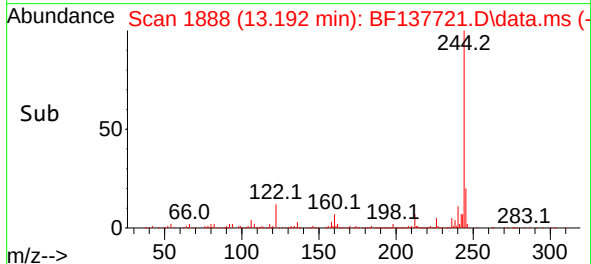
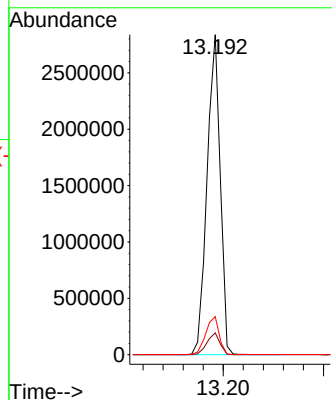
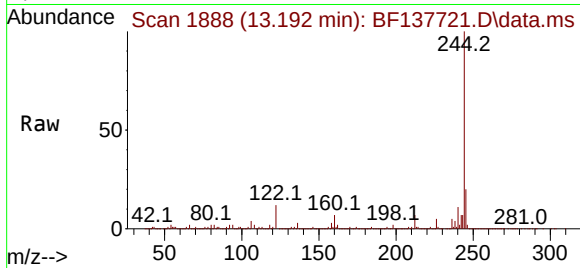




#79  
 Terphenyl-d14  
 Concen: 86.246 ng  
 RT: 13.192 min Scan# 1888  
 Delta R.T. -0.006 min  
 Lab File: BF137721.D  
 Acq: 24 Apr 2024 16:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 GROUND-WATER

Tgt Ion:244 Resp: 2597437  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.5 8.3  
 122 11.9 8.8 13.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.833 min Scan# 2337  
 Delta R.T. 0.000 min  
 Lab File: BF137721.D  
 Acq: 24 Apr 2024 16:39

Tgt Ion:264 Resp: 586457  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.4 29.2  
 265 21.9 17.5 26.3

