

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051723\  
 Data File : BF133416.D  
 Acq On : 17 May 2023 16:42  
 Operator : CG\JU  
 Sample : 02798-02  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WATERWITCH-AVE-SAMPLE

Quant Time: May 18 04:03:11 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042123.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 16 14:39:29 2023  
 Response via : Initial Calibration

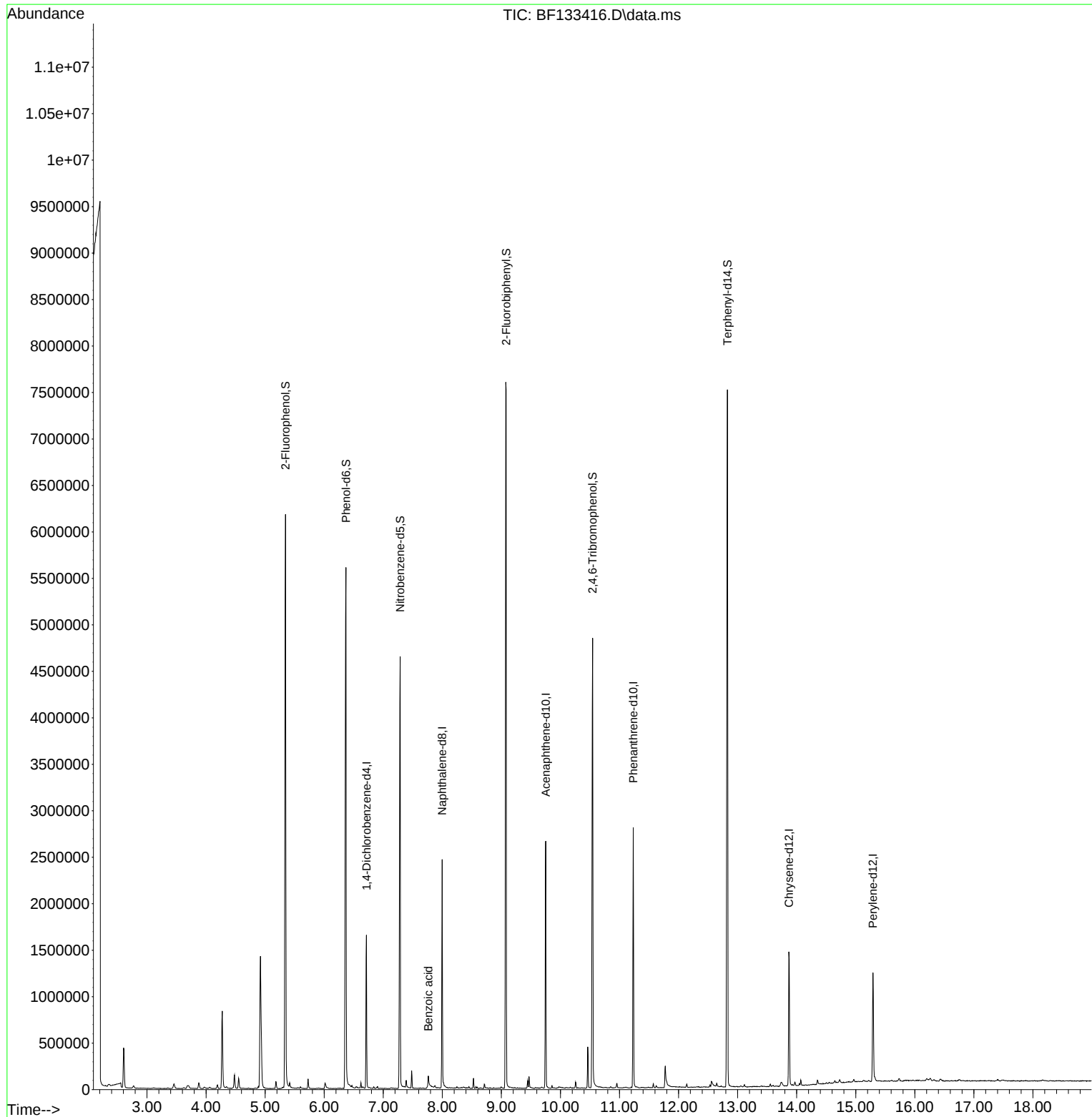
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.716  | 152  | 240741   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 7.998  | 136  | 973810   | 20.000  | ng    | -0.01     |
| 39) Acenaphthene-d10        | 9.751  | 164  | 506500   | 20.000  | ng    | -0.01     |
| 64) Phenanthrene-d10        | 11.233 | 188  | 948830   | 20.000  | ng    | -0.01     |
| 76) Chrysene-d12            | 13.868 | 240  | 506067   | 20.000  | ng    | -0.02     |
| 86) Perylene-d12            | 15.292 | 264  | 513648   | 20.000  | ng    | -0.01     |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.345  | 112  | 1997437  | 125.336 | ng    | 0.01      |
| 7) Phenol-d6                | 6.369  | 99   | 2267833  | 114.649 | ng    | 0.00      |
| 23) Nitrobenzene-d5         | 7.287  | 82   | 1577721  | 87.451  | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.545 | 330  | 712451   | 139.866 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.081  | 172  | 2628024  | 86.805  | ng    | 0.00      |
| 79) Terphenyl-d14           | 12.827 | 244  | 3146890  | 107.245 | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 32) Benzoic acid            | 7.763  | 122  | 55400    | 5.932   | ng    | Qvalue 98 |
| -----                       |        |      |          |         |       |           |

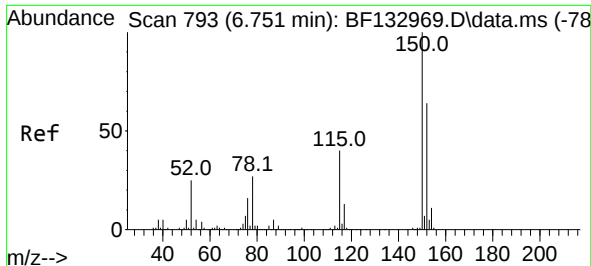
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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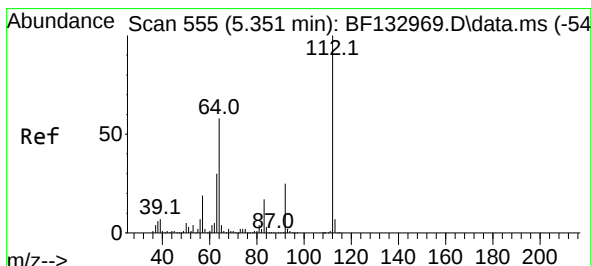
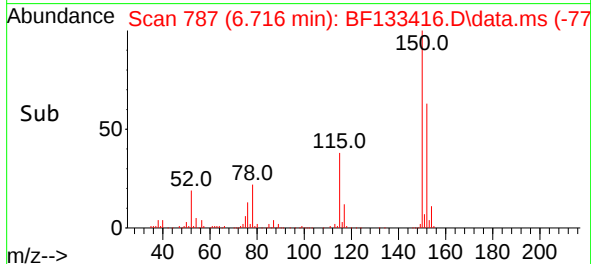
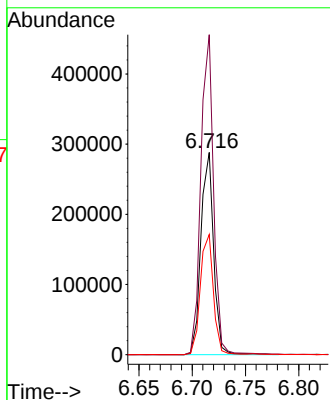
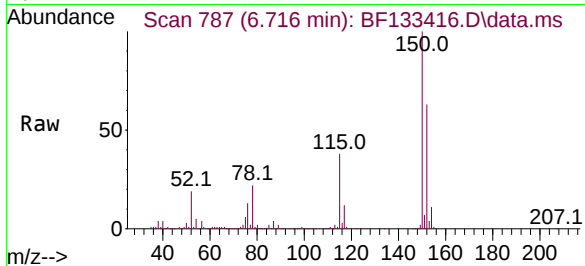




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.716 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF133416.D  
 Acq: 17 May 2023 16:42

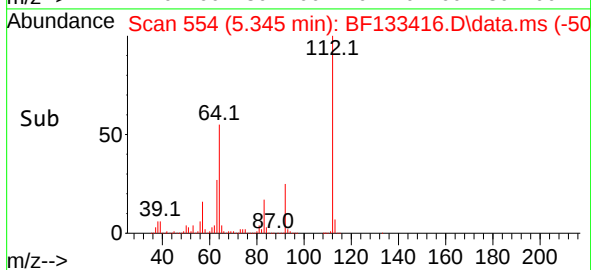
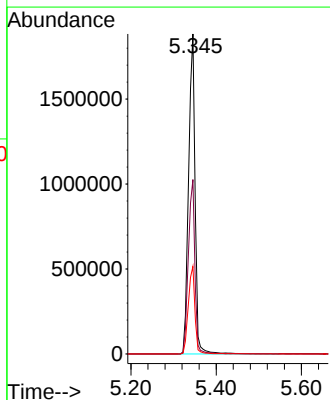
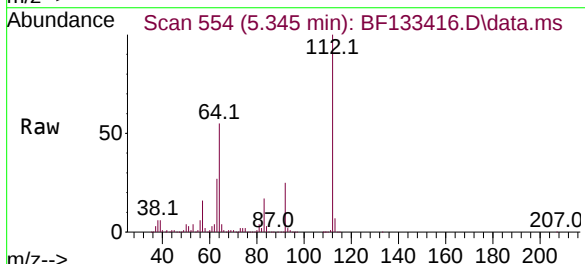
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WATERWITCH-AVE-SAMPLE

Tgt Ion:152 Resp: 240741  
 Ion Ratio Lower Upper  
 152 100  
 150 158.2 124.8 187.2  
 115 59.4 49.9 74.9



#5  
 2-Fluorophenol  
 Concen: 125.336 ng  
 RT: 5.345 min Scan# 554  
 Delta R.T. 0.012 min  
 Lab File: BF133416.D  
 Acq: 17 May 2023 16:42

Tgt Ion:112 Resp: 1997437  
 Ion Ratio Lower Upper  
 112 100  
 64 54.5 46.8 70.2  
 63 27.3 23.8 35.8

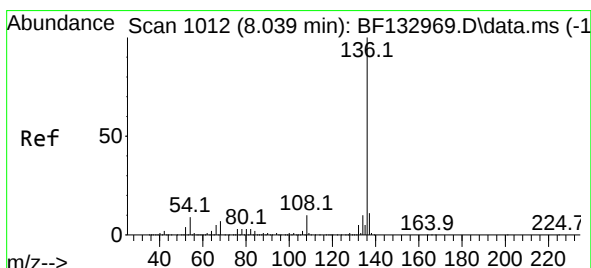
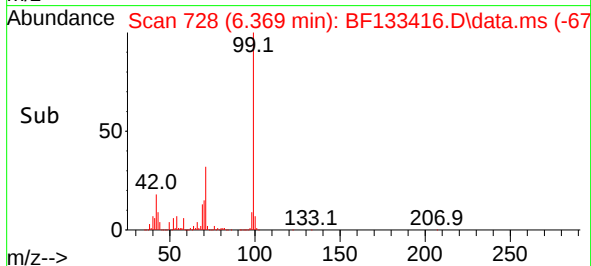
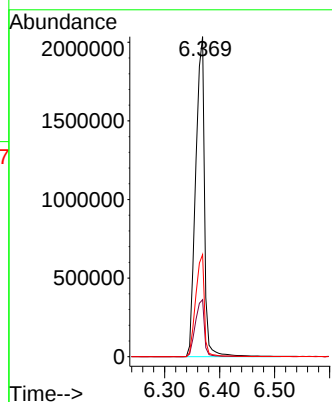
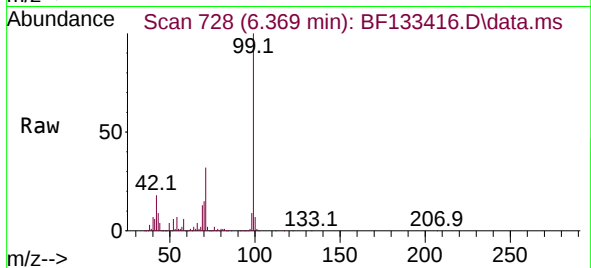




#7  
Phenol-d6  
Concen: 114.649 ng  
RT: 6.369 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF133416.D  
Acq: 17 May 2023 16:42

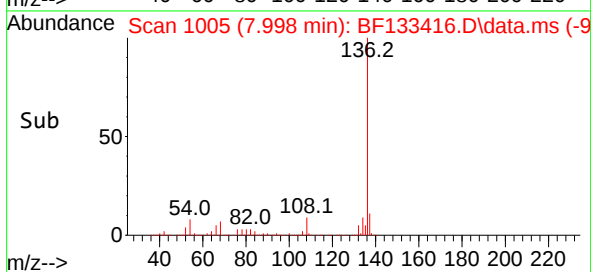
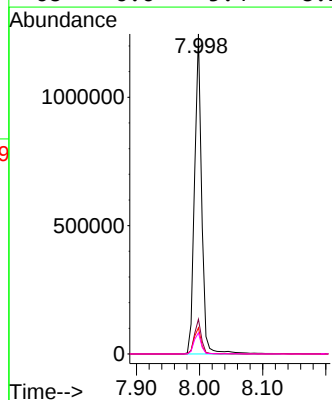
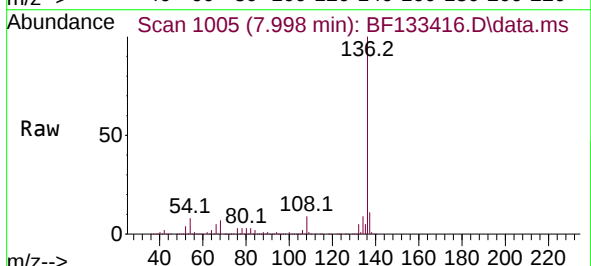
Instrument :  
BNA\_F  
ClientSampleId :  
WATERWITCH-AVE-SAMPLE

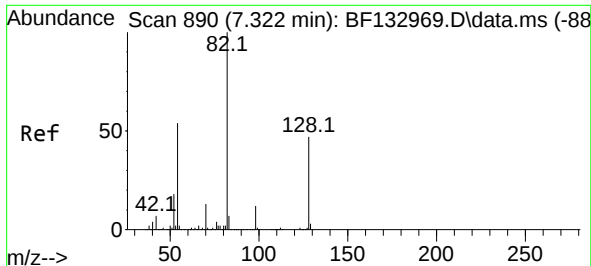
Tgt Ion: 99 Resp: 2267833  
Ion Ratio Lower Upper  
99 100  
42 17.8 16.3 24.5  
71 31.9 25.6 38.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 7.998 min Scan# 1005  
Delta R.T. -0.012 min  
Lab File: BF133416.D  
Acq: 17 May 2023 16:42

Tgt Ion: 136 Resp: 973810  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.6 13.0  
54 8.2 7.0 10.4  
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 87.451 ng

RT: 7.287 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133416.D

Acq: 17 May 2023 16:42

Instrument :

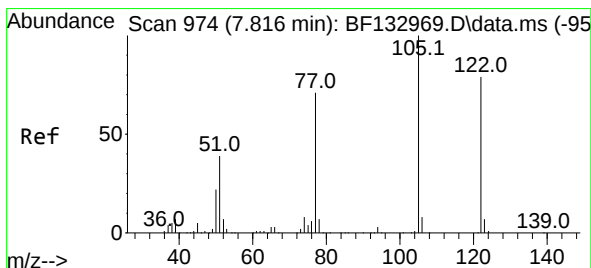
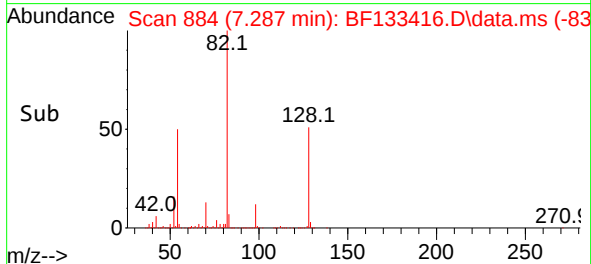
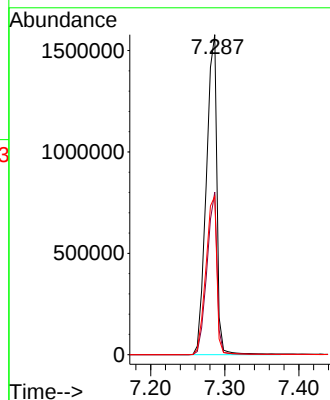
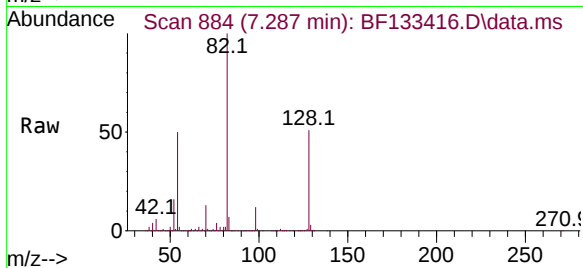
BNA\_F

ClientSampleId :

WATERWITCH-AVE-SAMPLE

Tgt Ion: 82 Resp: 1577721

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 50.8  | 37.7  | 56.5  |
| 54  | 49.5  | 43.0  | 64.4  |



#32

Benzoic acid

Concen: 5.932 ng

RT: 7.763 min Scan# 965

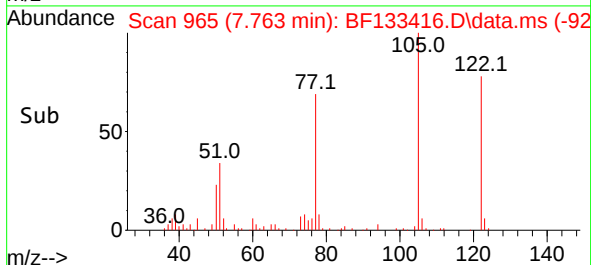
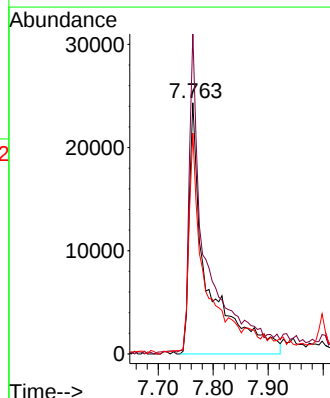
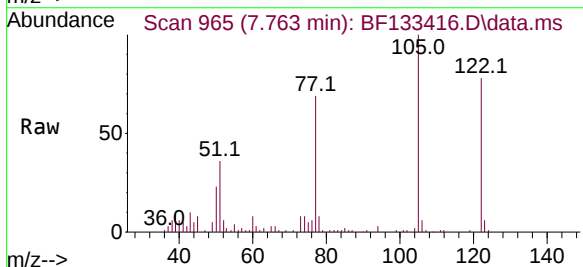
Delta R.T. -0.041 min

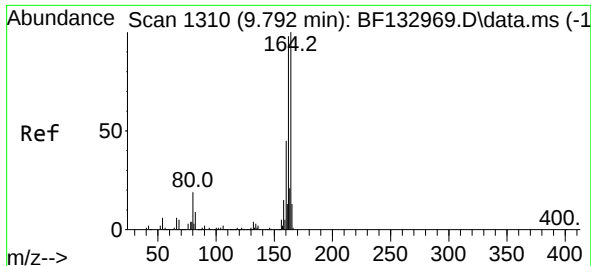
Lab File: BF133416.D

Acq: 17 May 2023 16:42

Tgt Ion: 122 Resp: 55400

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 122 | 100   |       |       |
| 105 | 127.4 | 104.2 | 144.2 |
| 77  | 87.9  | 69.7  | 109.7 |





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.751 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF133416.D

Acq: 17 May 2023 16:42

Instrument :

BNA\_F

ClientSampleId :

WATERWITCH-AVE-SAMPLE

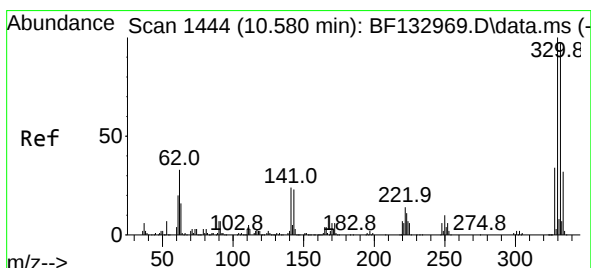
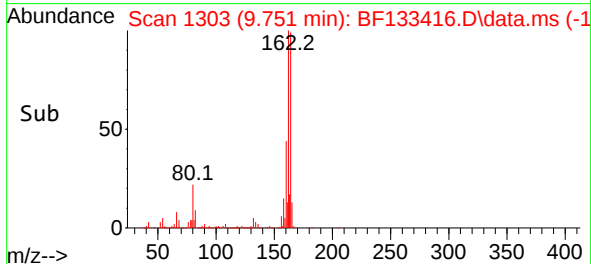
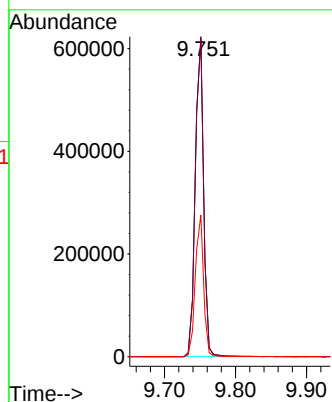
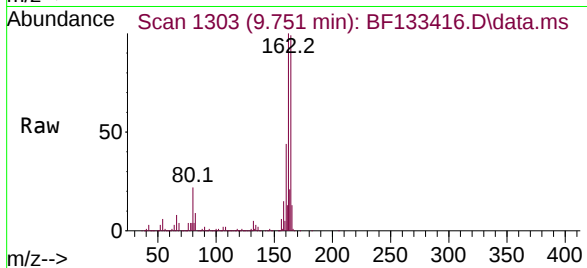
Tgt Ion:164 Resp: 506500

Ion Ratio Lower Upper

164 100

162 100.7 78.7 118.1

160 44.5 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 139.866 ng

RT: 10.545 min Scan# 1438

Delta R.T. -0.006 min

Lab File: BF133416.D

Acq: 17 May 2023 16:42

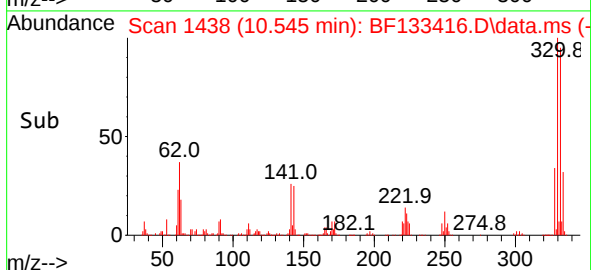
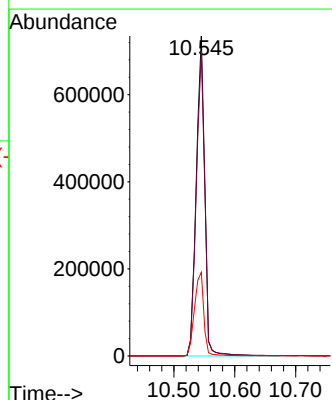
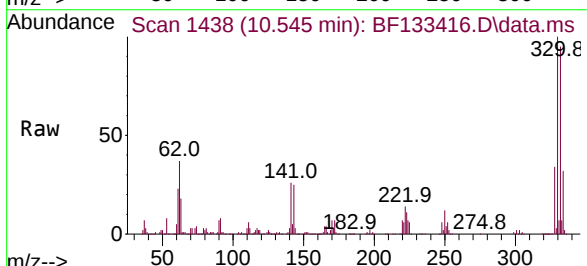
Tgt Ion:330 Resp: 712451

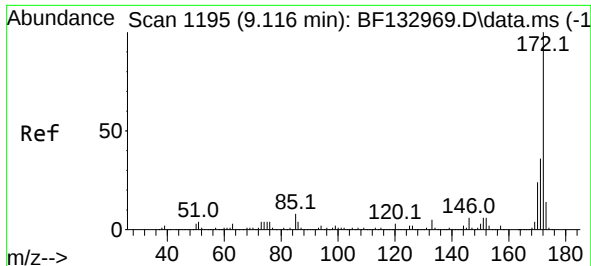
Ion Ratio Lower Upper

330 100

332 95.8 77.1 115.7

141 29.0 25.8 38.8

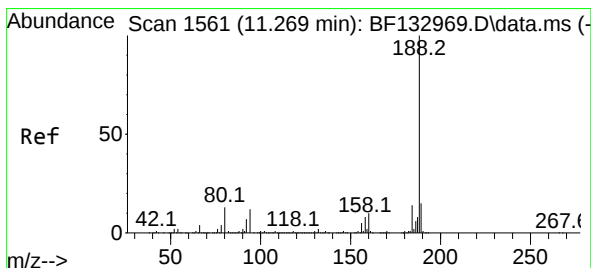
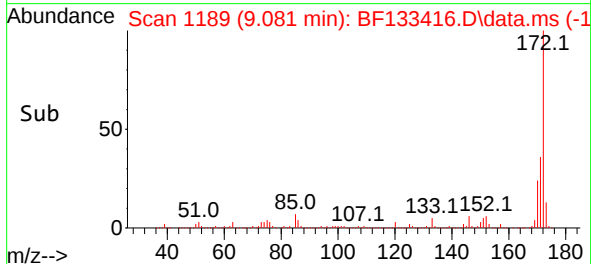
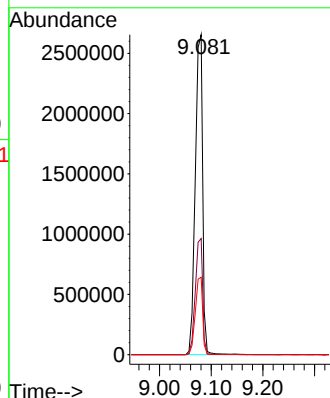
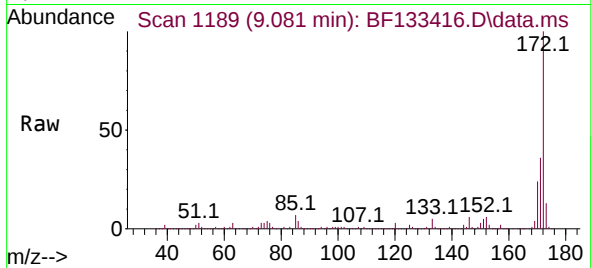




#45  
2-Fluorobiphenyl  
Concen: 86.805 ng  
RT: 9.081 min Scan# 1195  
Delta R.T. -0.006 min  
Lab File: BF133416.D  
Acq: 17 May 2023 16:42

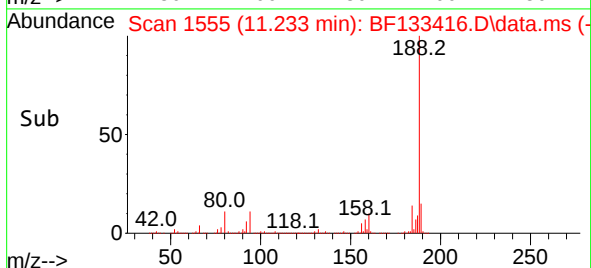
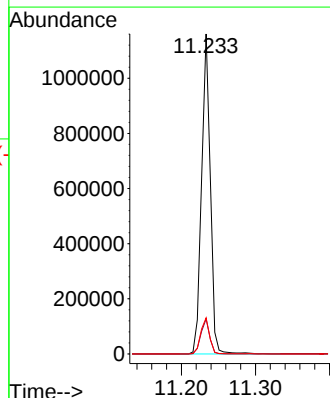
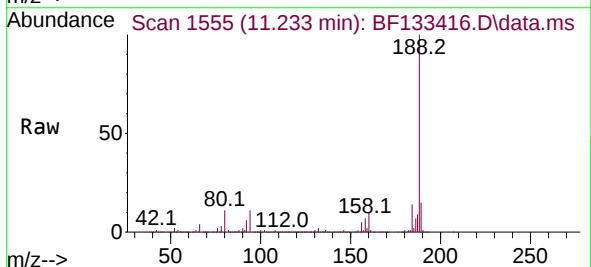
Instrument :  
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WATERWITCH-AVE-SAMPLE

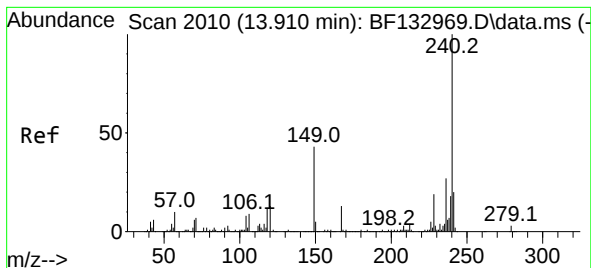
Tgt Ion:172 Resp: 2628024  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.8 43.2  
170 24.2 19.4 29.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.233 min Scan# 1555  
Delta R.T. -0.012 min  
Lab File: BF133416.D  
Acq: 17 May 2023 16:42

Tgt Ion:188 Resp: 948830  
Ion Ratio Lower Upper  
188 100  
94 11.0 9.7 14.5  
80 11.3 10.4 15.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.868 min Scan# 2010

Delta R.T. -0.018 min

Lab File: BF133416.D

Acq: 17 May 2023 16:42

Instrument :

BNA\_F

ClientSampleId :

WATERWITCH-AVE-SAMPLE

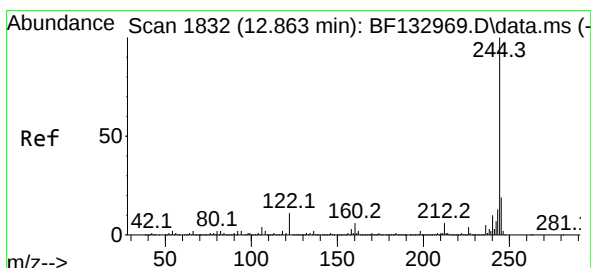
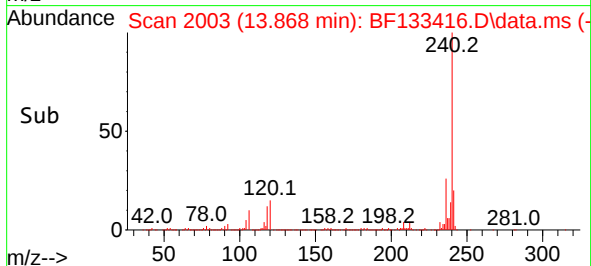
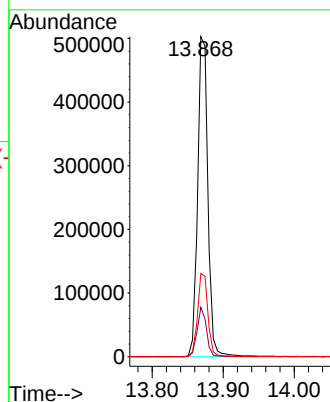
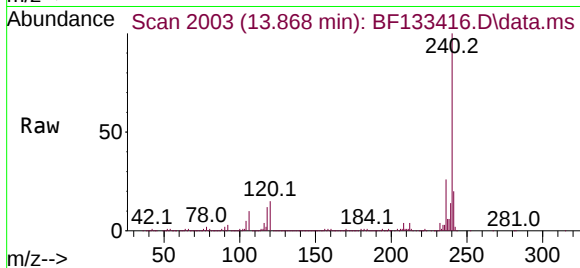
Tgt Ion:240 Resp: 506067

Ion Ratio Lower Upper

240 100

120 15.5 10.5 15.7

236 26.0 21.5 32.3



#79

Terphenyl-d14

Concen: 107.245 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133416.D

Acq: 17 May 2023 16:42

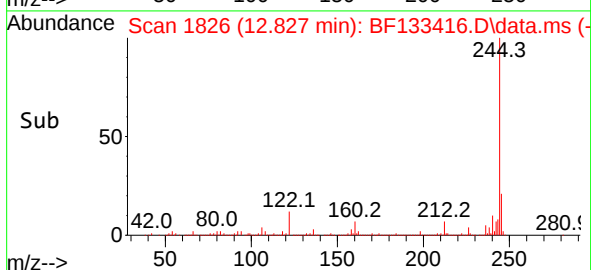
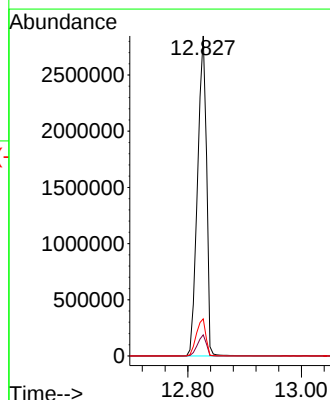
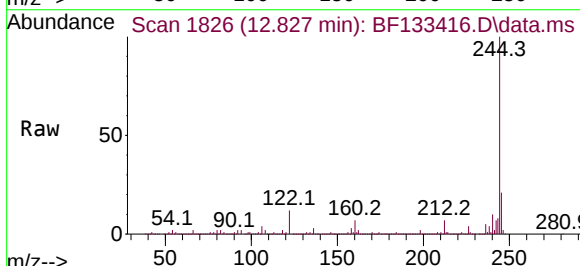
Tgt Ion:244 Resp: 3146890

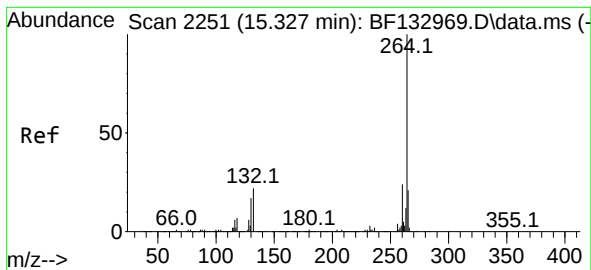
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

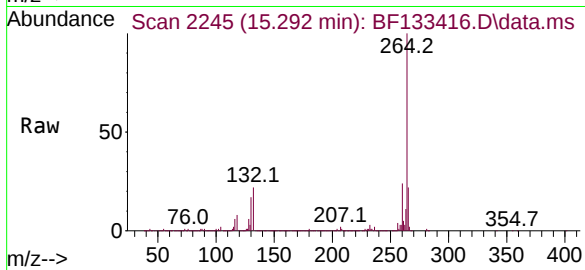
122 11.6 8.6 13.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.292 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BF133416.D  
 Acq: 17 May 2023 16:42

Instrument :  
 BNA\_F  
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Tgt Ion:264 Resp: 513648  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.8 28.2  
 265 22.0 17.0 25.4

