

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102224\  
Data File : BF139920.D  
Acq On : 22 Oct 2024 11:05  
Operator : RC/JU  
Sample : PB164071BL  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB164071BL

Quant Time: Oct 22 12:32:38 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Oct 18 15:07:50 2024  
Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 150261   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 593957   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 338069   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 611789   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 390858   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 293996   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 1291484  | 134.553 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 1640356  | 131.953 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 1060228  | 98.933  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 475370   | 150.329 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1914793  | 93.607  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 2158698  | 89.996  | ng    | 0.00     |

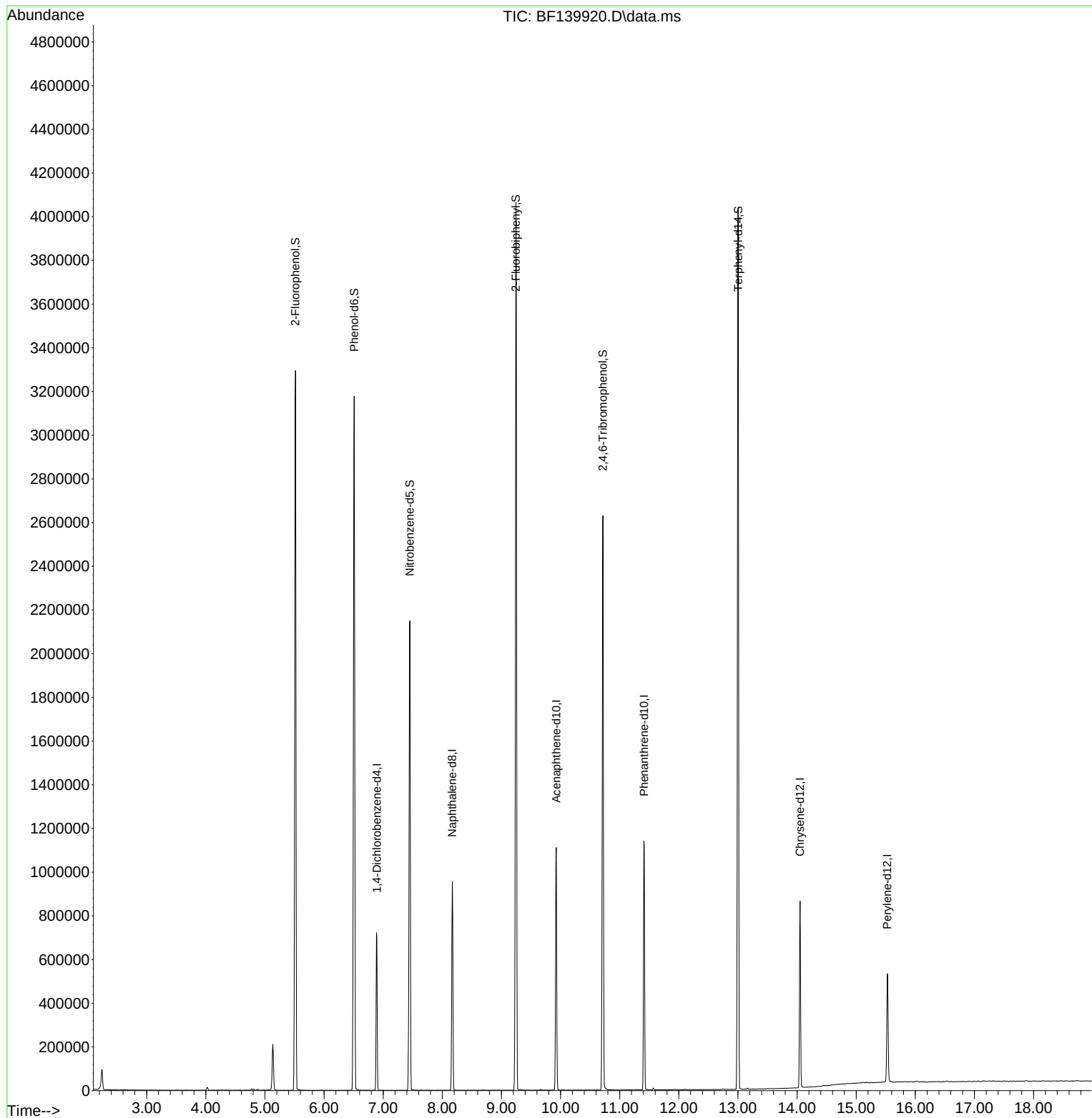
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

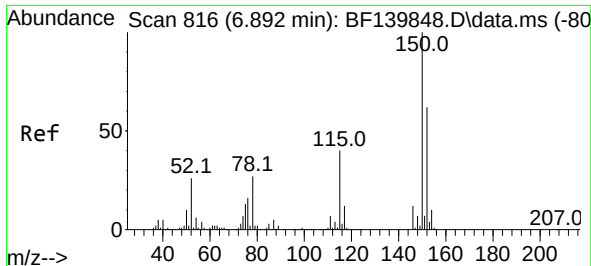
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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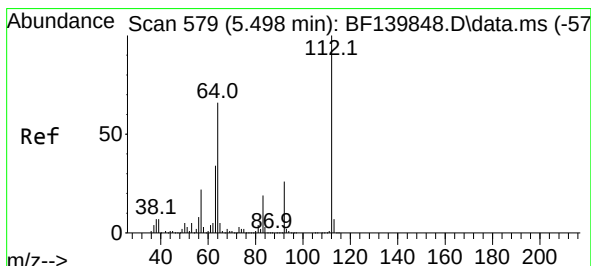
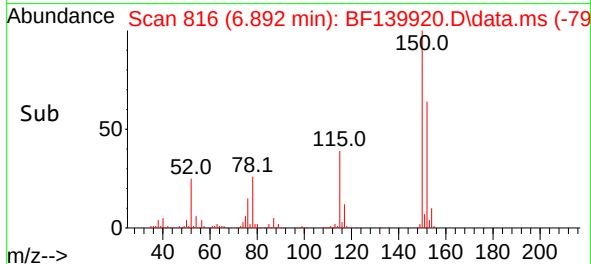
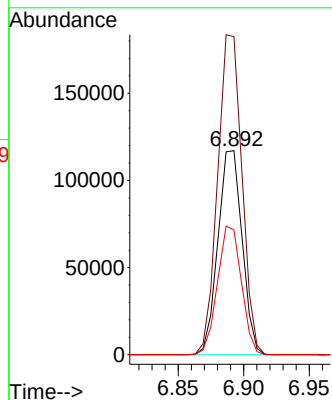
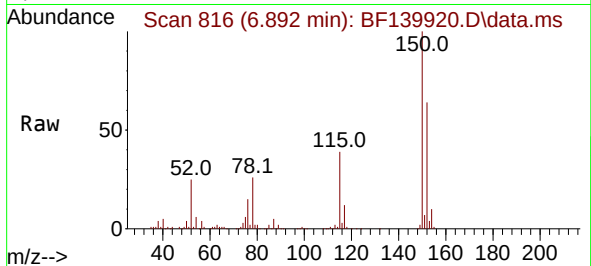




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.892 min Scan# 816  
Delta R.T. 0.000 min  
Lab File: BF139920.D  
Acq: 22 Oct 2024 11:05

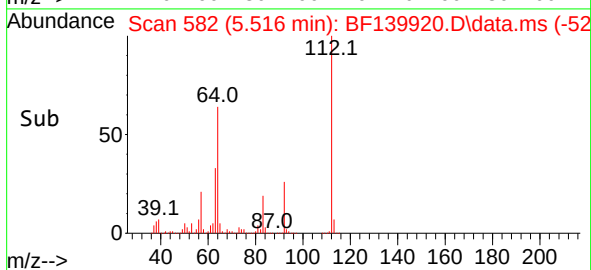
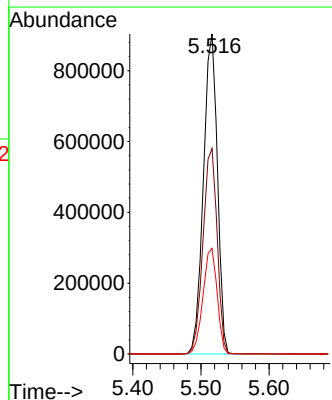
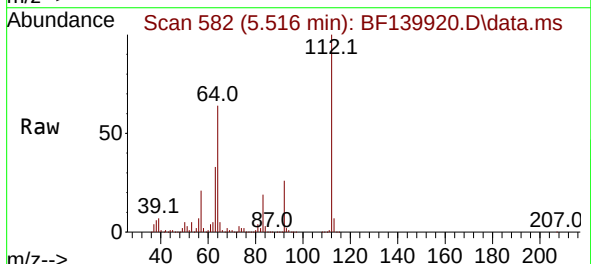
Instrument :  
BNA\_F  
ClientSampleId :  
PB164071BL

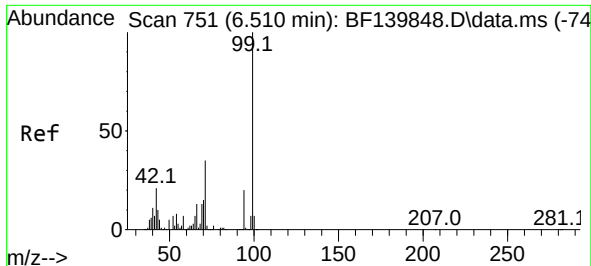
Tgt Ion:152 Resp: 150261  
Ion Ratio Lower Upper  
152 100  
150 156.0 130.2 195.2  
115 61.2 51.4 77.2



#5  
2-Fluorophenol  
Concen: 134.553 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF139920.D  
Acq: 22 Oct 2024 11:05

Tgt Ion:112 Resp: 1291484  
Ion Ratio Lower Upper  
112 100  
64 64.2 53.0 79.6  
63 33.0 27.0 40.4





#7  
Phenol-d6  
Concen: 131.953 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF139920.D  
Acq: 22 Oct 2024 11:05

Instrument :

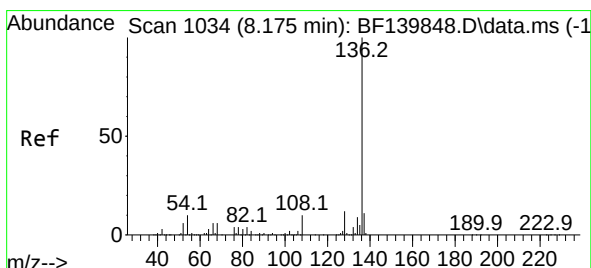
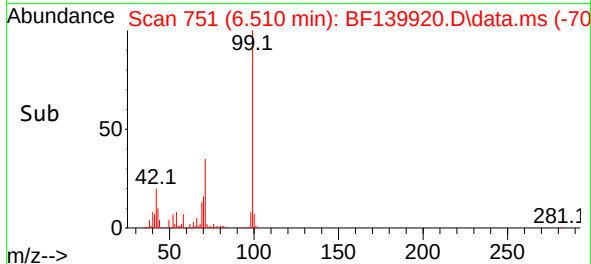
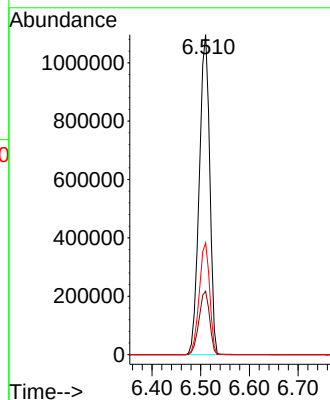
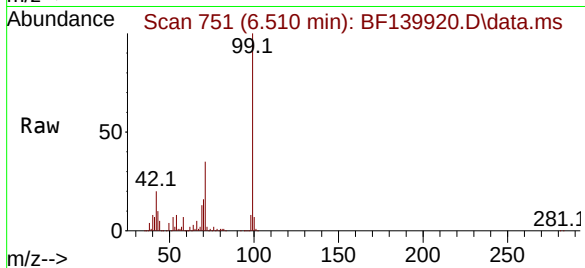
BNA\_F

ClientSampleId :

PB164071BL

Tgt Ion: 99 Resp: 1640356

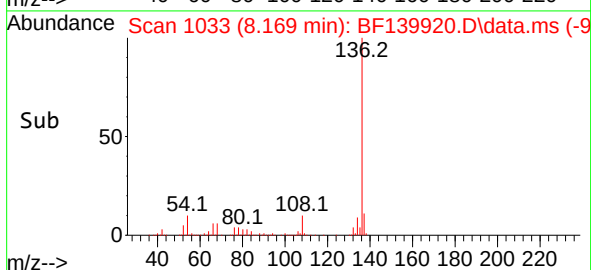
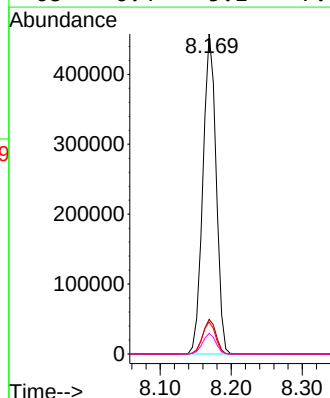
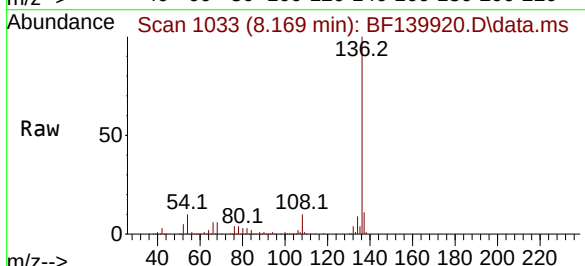
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.8  | 16.7  | 25.1  |
| 71  | 35.0  | 27.7  | 41.5  |

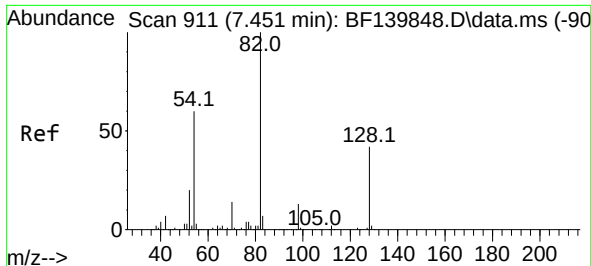


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139920.D  
Acq: 22 Oct 2024 11:05

Tgt Ion: 136 Resp: 593957

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 12.8  |
| 54  | 10.1  | 8.4   | 12.6  |
| 68  | 6.4   | 5.1   | 7.7   |





#23

Nitrobenzene-d5

Concen: 98.933 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

Instrument :

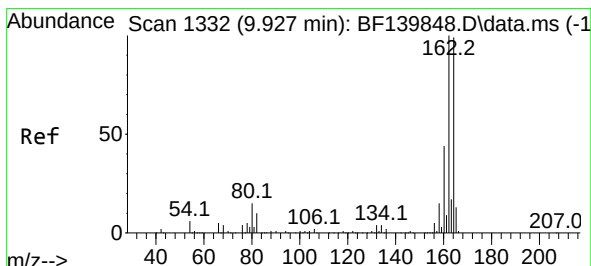
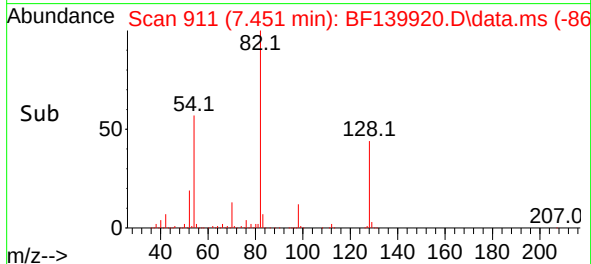
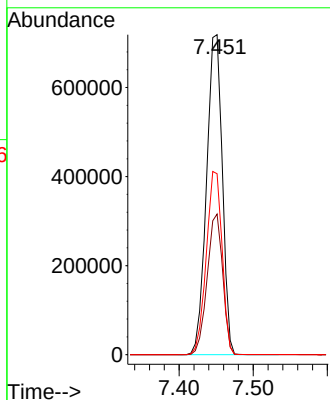
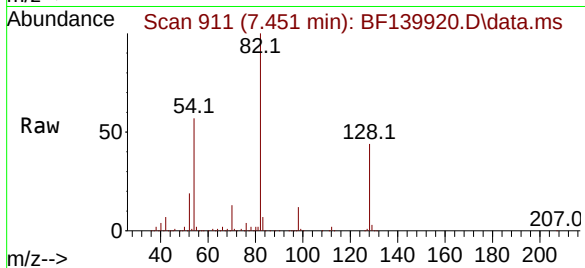
BNA\_F

ClientSampleId :

PB164071BL

Tgt Ion: 82 Resp: 1060228

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 44.0  | 33.4  | 50.0  |
| 54  | 56.5  | 47.8  | 71.8  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

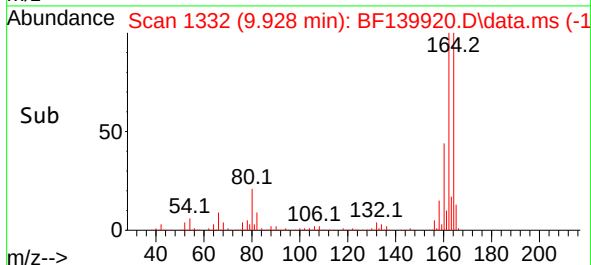
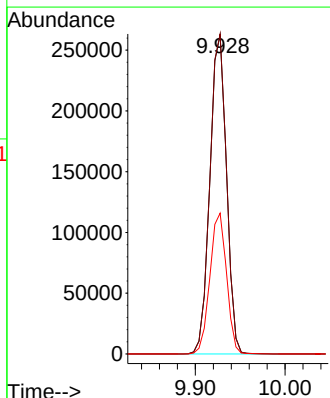
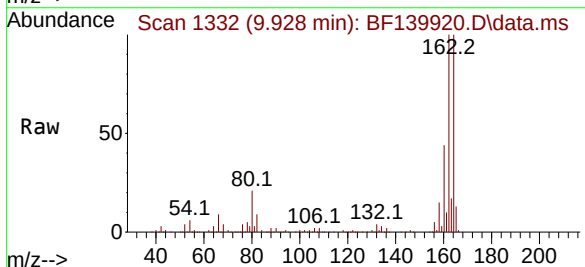
Delta R.T. 0.001 min

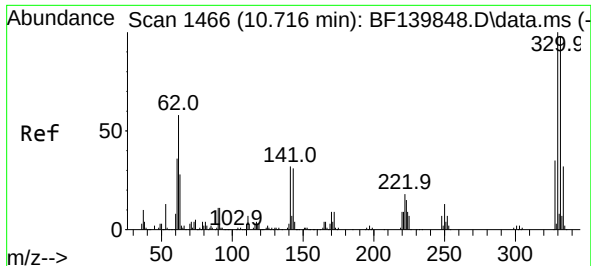
Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

Tgt Ion: 164 Resp: 338069

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 100.3 | 81.0  | 121.4 |
| 160 | 44.1  | 35.4  | 53.0  |





#42

2,4,6-Tribromophenol

Concen: 150.329 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

Instrument :

BNA\_F

ClientSampleId :

PB164071BL

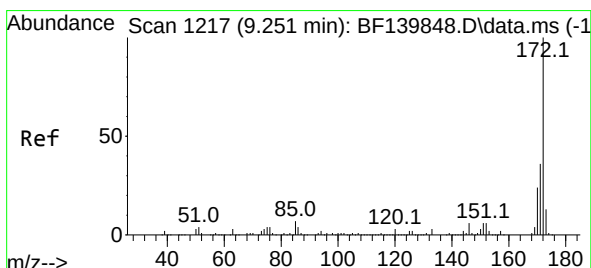
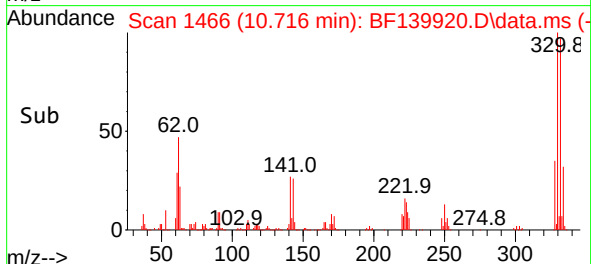
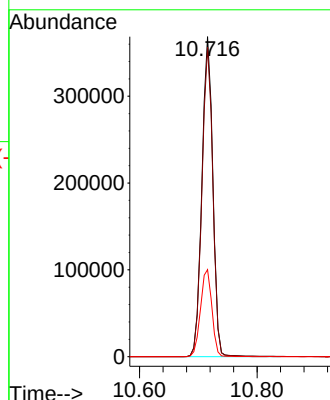
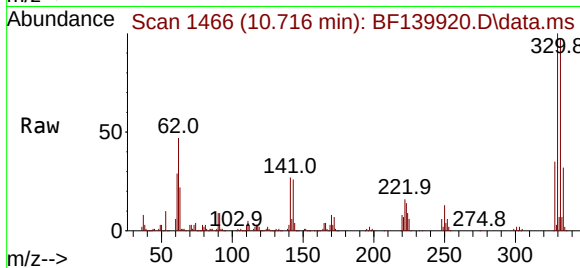
Tgt Ion:330 Resp: 475370

Ion Ratio Lower Upper

330 100

332 96.8 78.1 117.1

141 28.4 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 93.607 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139920.D

Acq: 22 Oct 2024 11:05

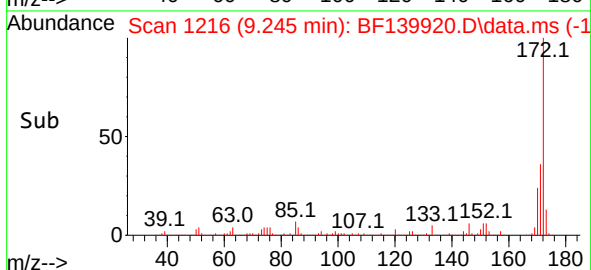
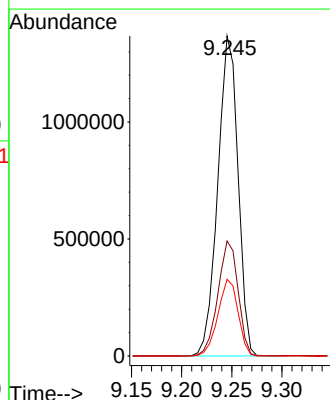
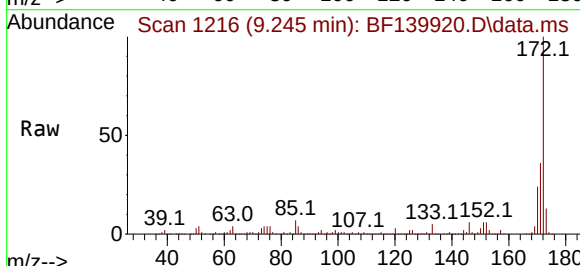
Tgt Ion:172 Resp: 1914793

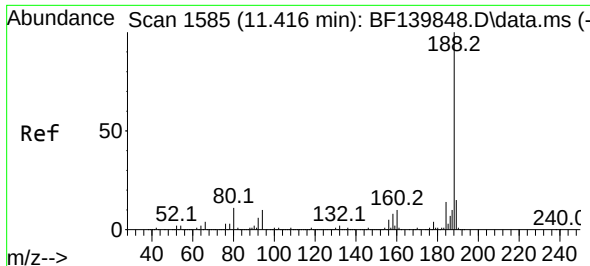
Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 23.9 19.1 28.7

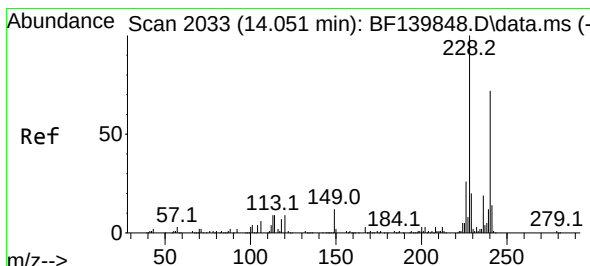
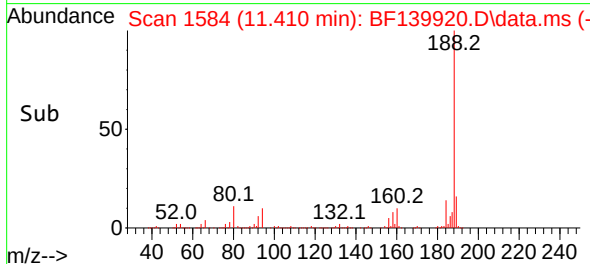
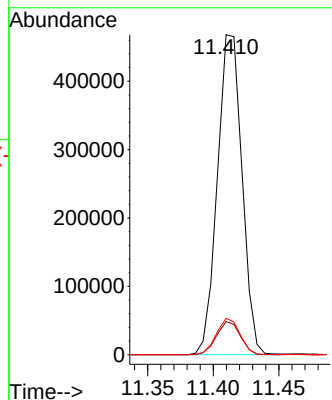
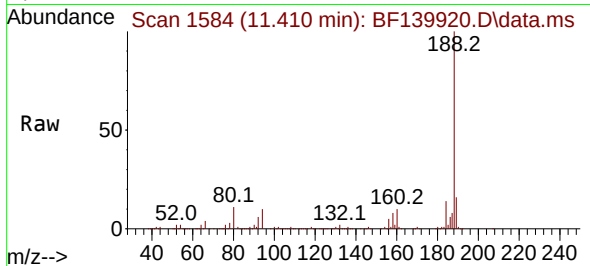




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139920.D  
Acq: 22 Oct 2024 11:05

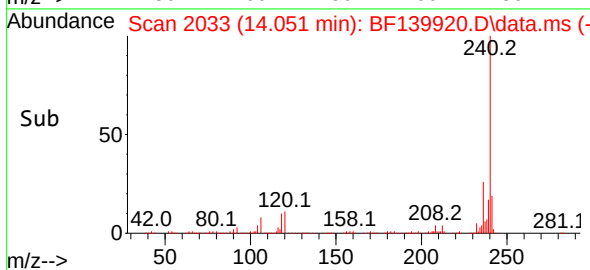
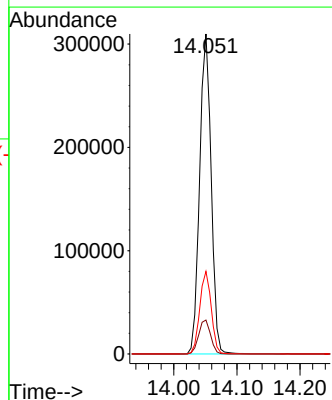
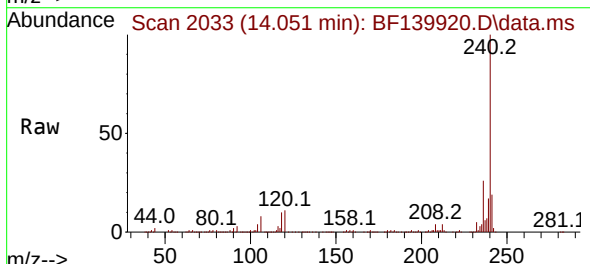
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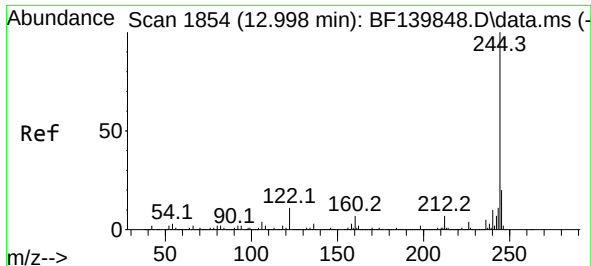
Tgt Ion:188 Resp: 611789  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.9 11.9  
80 11.4 9.0 13.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BF139920.D  
Acq: 22 Oct 2024 11:05

Tgt Ion:240 Resp: 390858  
Ion Ratio Lower Upper  
240 100  
120 10.6 9.4 14.2  
236 25.8 20.9 31.3

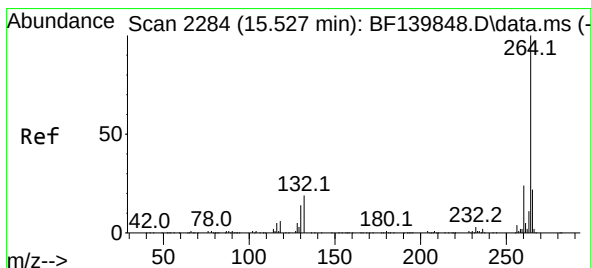
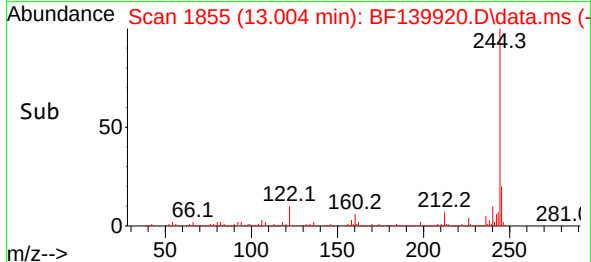
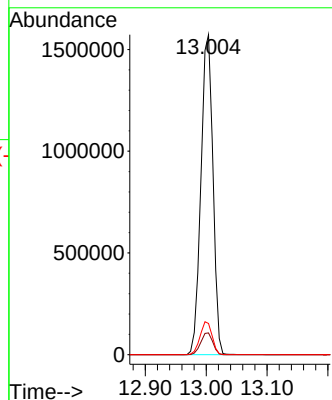
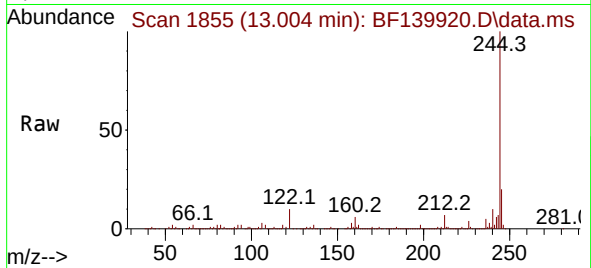




#79  
 Terphenyl-d14  
 Concen: 89.996 ng  
 RT: 13.004 min Scan# 1855  
 Delta R.T. 0.006 min  
 Lab File: BF139920.D  
 Acq: 22 Oct 2024 11:05

Instrument :  
 BNA\_F  
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 PB164071BL

Tgt Ion:244 Resp: 2158698  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.7 8.5  
 122 9.8 8.6 13.0



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 2284  
 Delta R.T. 0.000 min  
 Lab File: BF139920.D  
 Acq: 22 Oct 2024 11:05

Tgt Ion:264 Resp: 293996  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.4 29.2  
 265 21.7 17.4 26.0

