

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102824\  
 Data File : BF140076.D  
 Acq On : 28 Oct 2024 10:01  
 Operator : RC/JU  
 Sample : PB164444BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164444BL

Quant Time: Oct 28 11:22:30 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   | 6.886  | 152  | 132330   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 518019   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.922  | 164  | 298114   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 550598   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.045 | 240  | 341644   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 261224   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 1015752  | 120.165 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 1244979  | 113.718 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 849954   | 90.938  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 370207   | 132.764 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 1571487  | 87.121  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 1868766  | 89.131  | ng    | 0.00     |

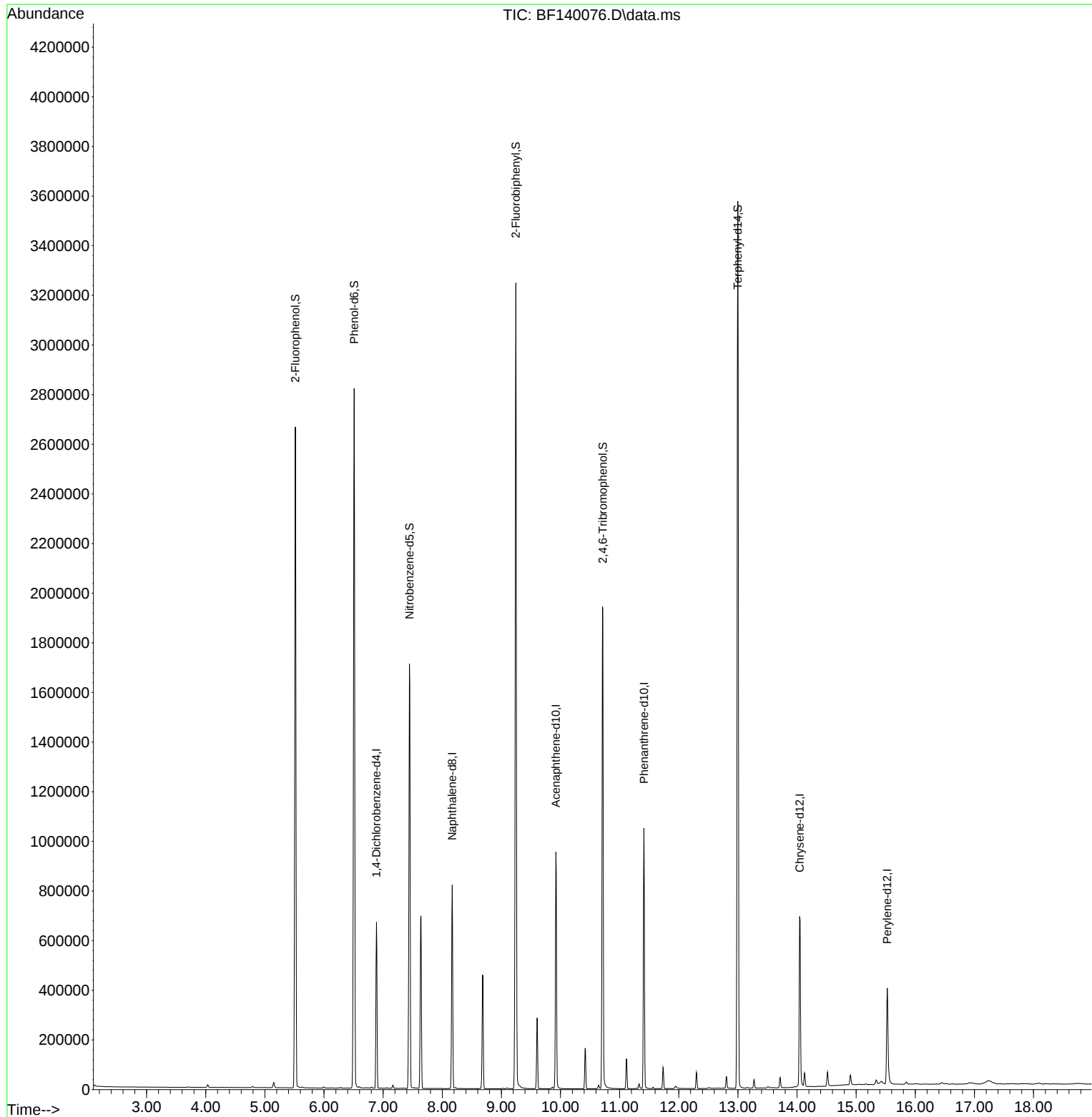
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

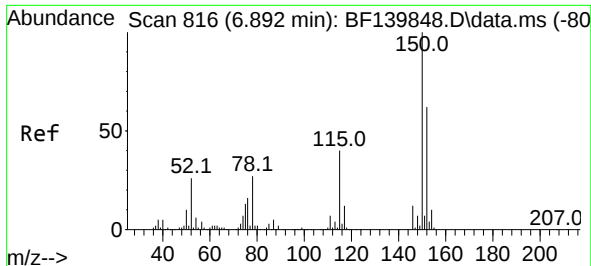
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102824\  
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ALS Vial : 3 Sample Multiplier: 1

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QLast Update : Fri Oct 18 15:07:50 2024  
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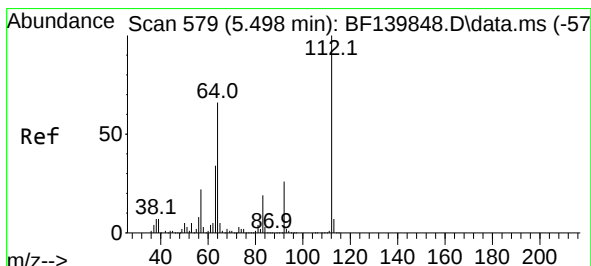
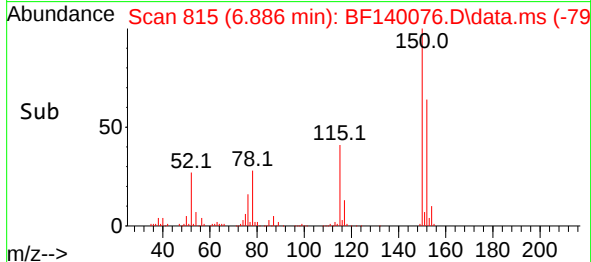
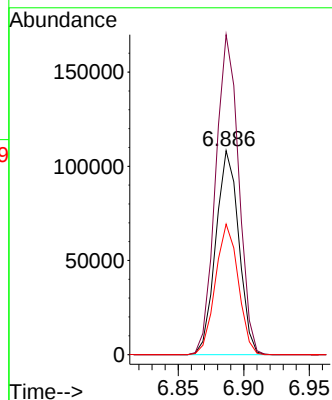
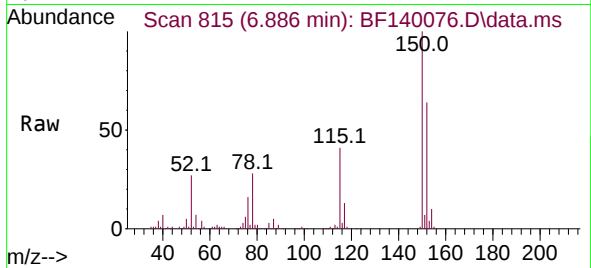




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01

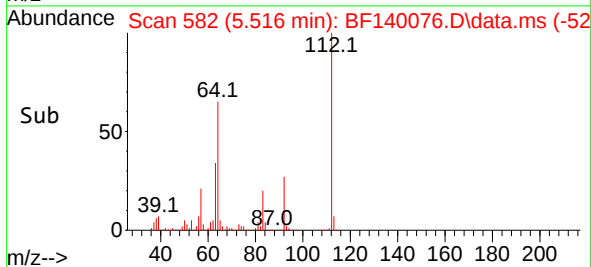
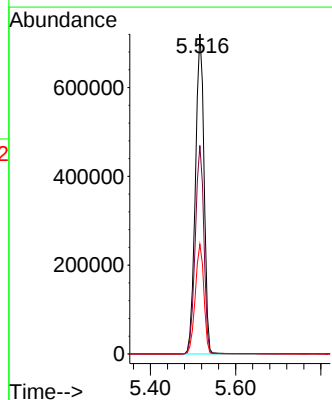
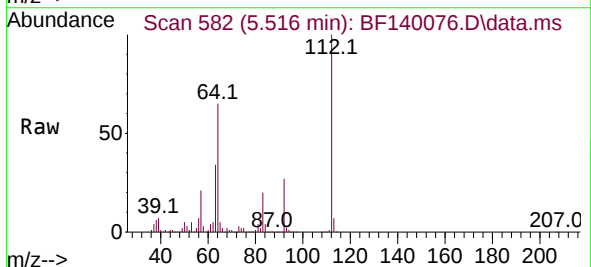
Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

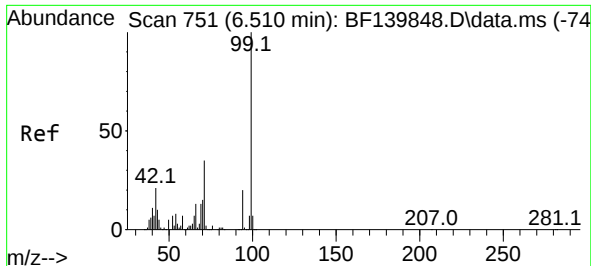
Tgt Ion:152 Resp: 132330  
Ion Ratio Lower Upper  
152 100  
150 156.9 130.2 195.2  
115 63.9 51.4 77.2



#5  
2-Fluorophenol  
Concen: 120.165 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01

Tgt Ion:112 Resp: 1015752  
Ion Ratio Lower Upper  
112 100  
64 65.1 53.0 79.6  
63 34.3 27.0 40.4



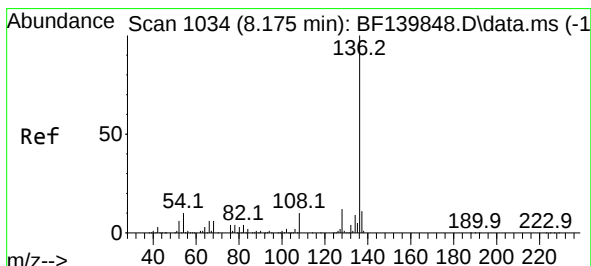
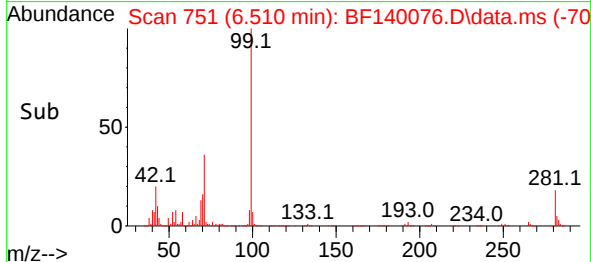
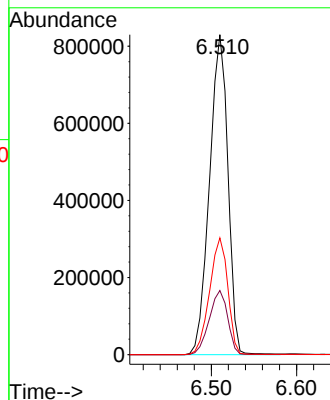
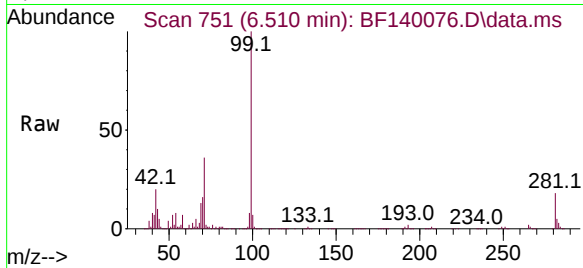


#7  
Phenol-d6  
Concen: 113.718 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01

Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

Tgt Ion: 99 Resp: 1244979

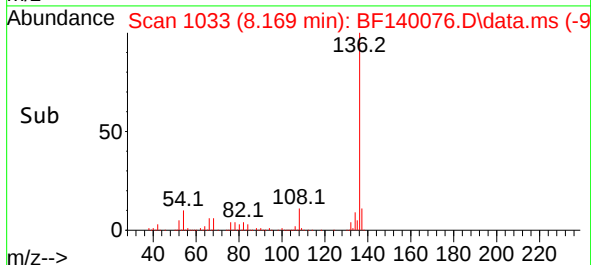
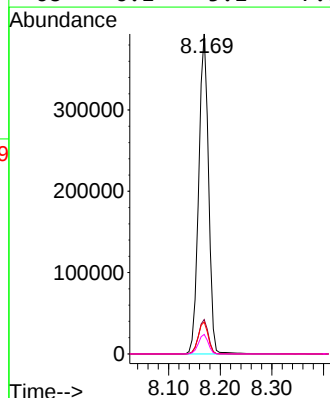
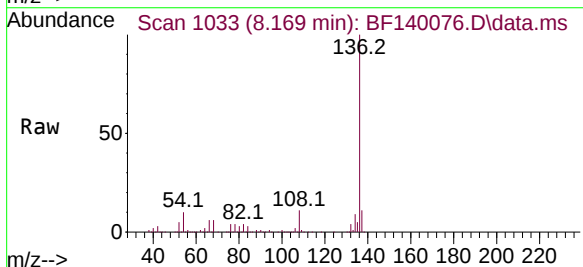
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.0  | 16.7  | 25.1  |
| 71  | 36.5  | 27.7  | 41.5  |

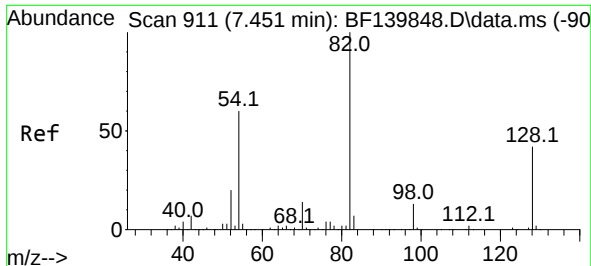


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01

Tgt Ion: 136 Resp: 518019

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.7  | 8.6   | 12.8  |
| 54  | 10.0  | 8.4   | 12.6  |
| 68  | 6.1   | 5.1   | 7.7   |

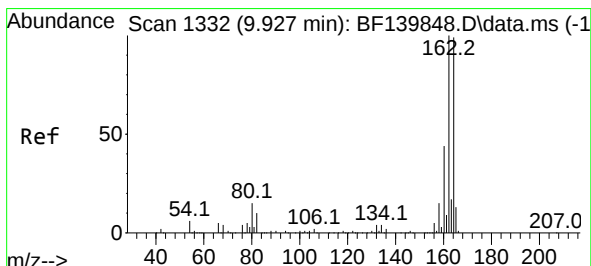
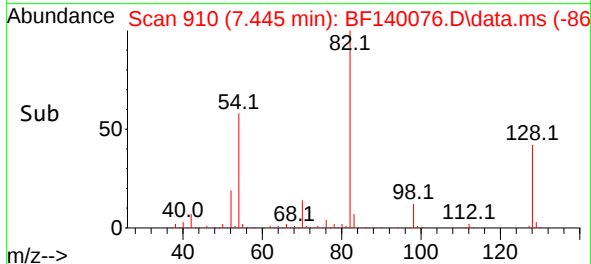
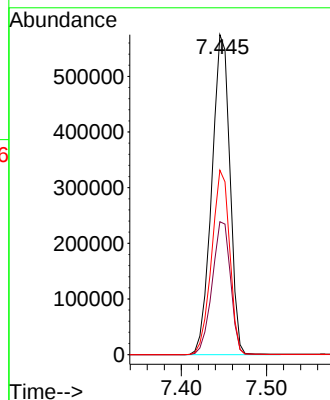
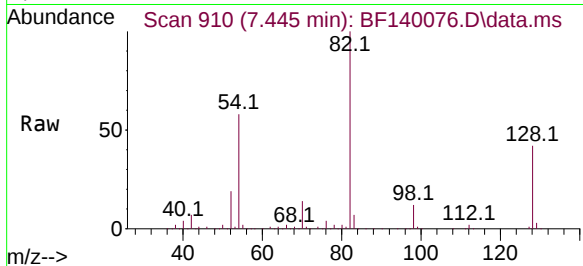




#23  
Nitrobenzene-d5  
Concen: 90.938 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01

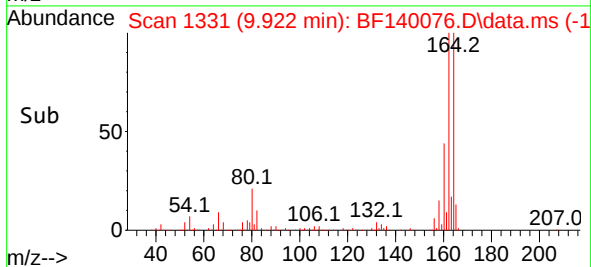
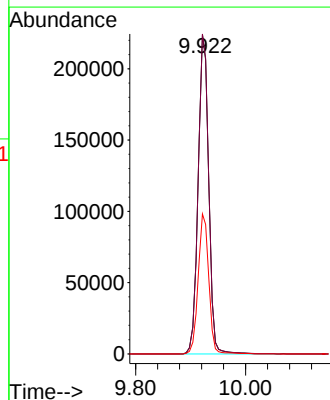
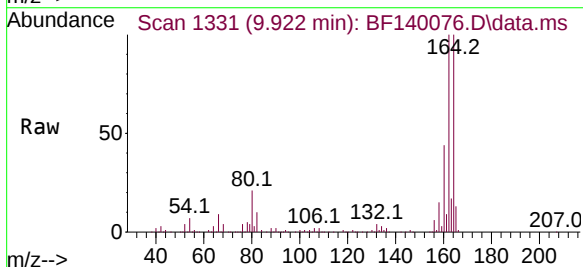
Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

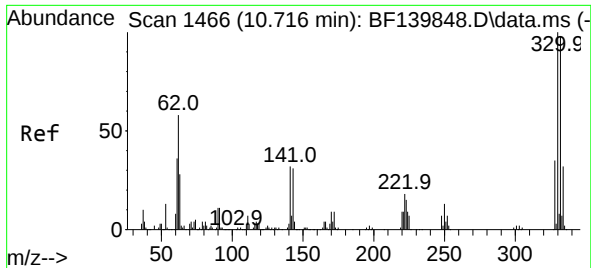
Tgt Ion: 82 Resp: 849954  
Ion Ratio Lower Upper  
82 100  
128 41.5 33.4 50.0  
54 57.6 47.8 71.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.005 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01

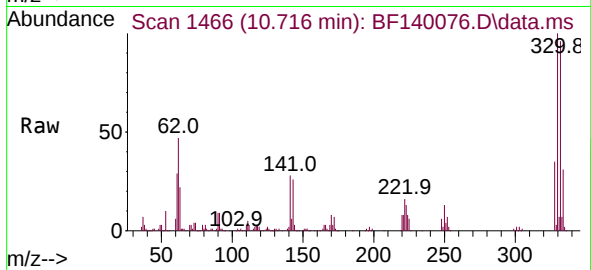
Tgt Ion:164 Resp: 298114  
Ion Ratio Lower Upper  
164 100  
162 100.2 81.0 121.4  
160 43.8 35.4 53.0



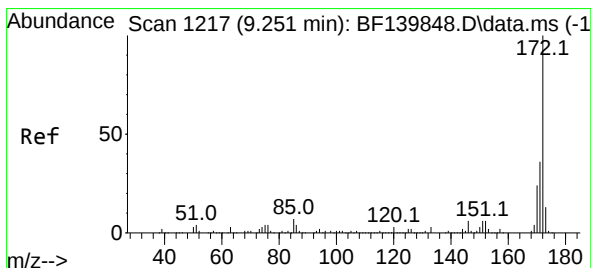
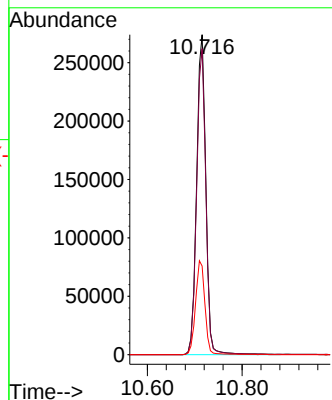
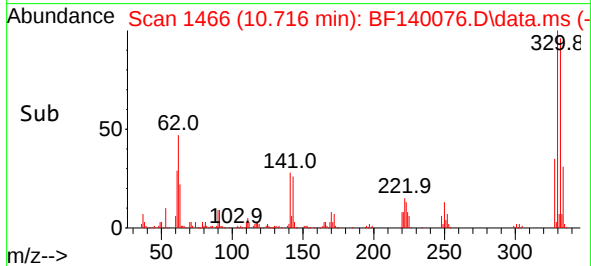


#42  
2,4,6-Tribromophenol  
Concen: 132.764 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01

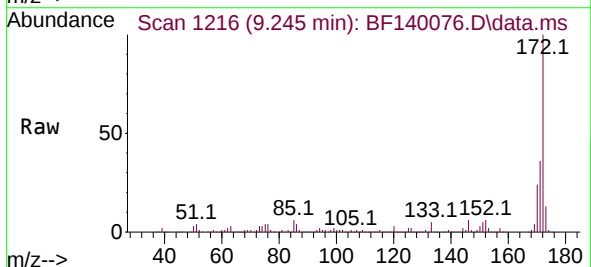
Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL



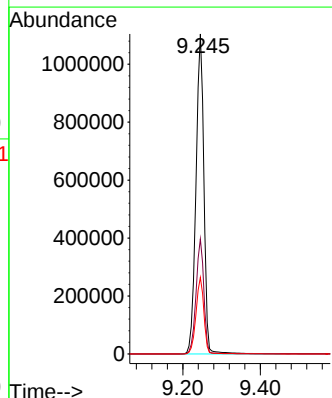
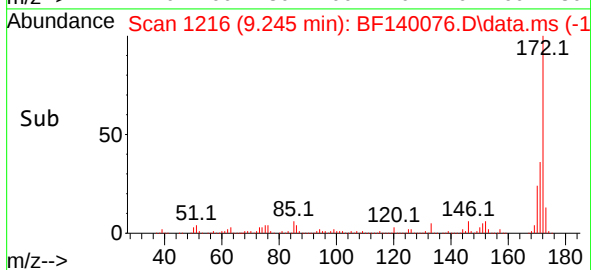
Tgt Ion:330 Resp: 370207  
Ion Ratio Lower Upper  
330 100  
332 95.2 78.1 117.1  
141 30.0 26.6 39.8

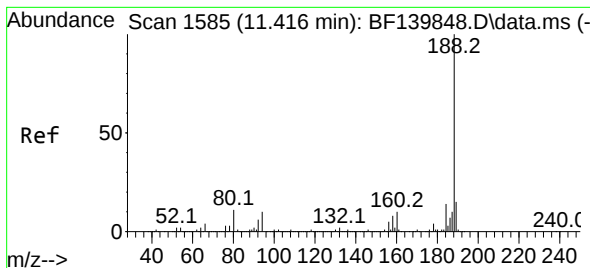


#45  
2-Fluorobiphenyl  
Concen: 87.121 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF140076.D  
Acq: 28 Oct 2024 10:01



Tgt Ion:172 Resp: 1571487  
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: BF140076.D

Acq: 28 Oct 2024 10:01

Instrument :

BNA\_F

ClientSampleId :

PB164444BL

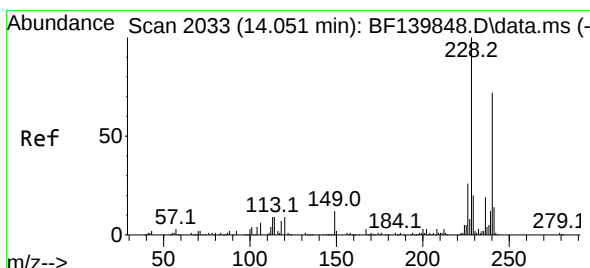
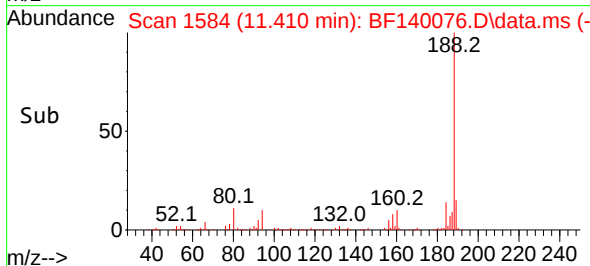
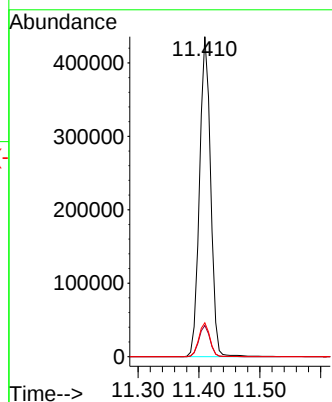
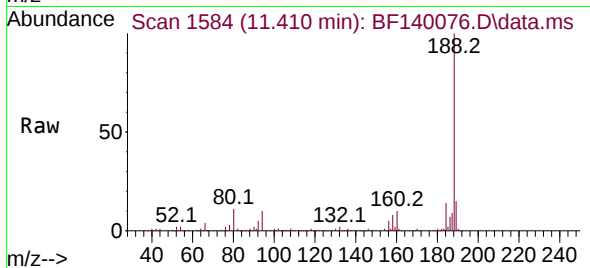
Tgt Ion:188 Resp: 550598

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

80 10.6 9.0 13.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140076.D

Acq: 28 Oct 2024 10:01

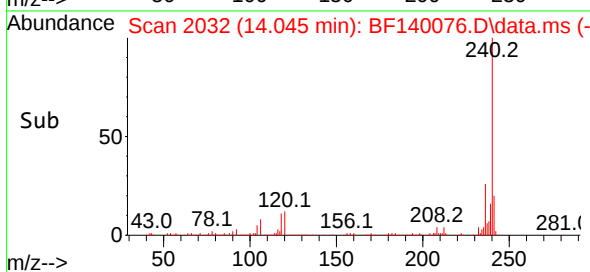
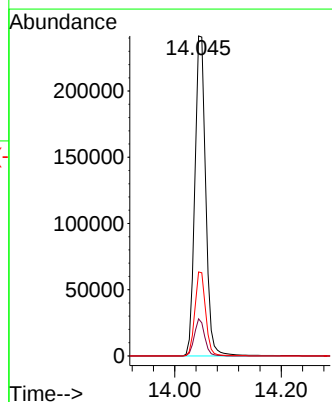
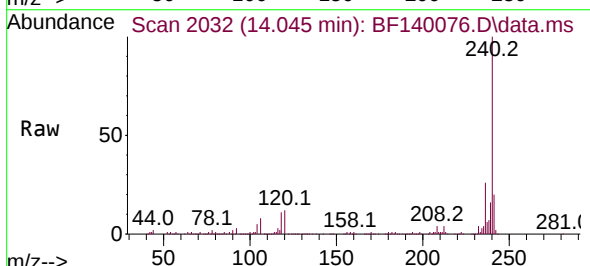
Tgt Ion:240 Resp: 341644

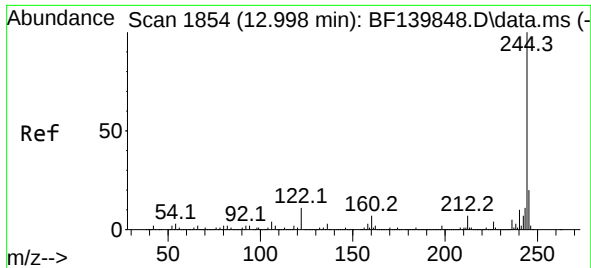
Ion Ratio Lower Upper

240 100

120 11.6 9.4 14.2

236 26.2 20.9 31.3

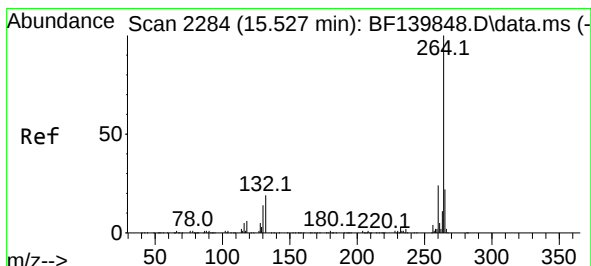
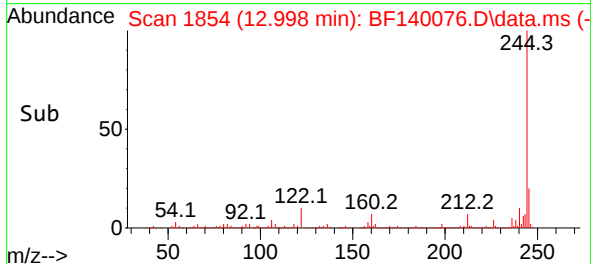
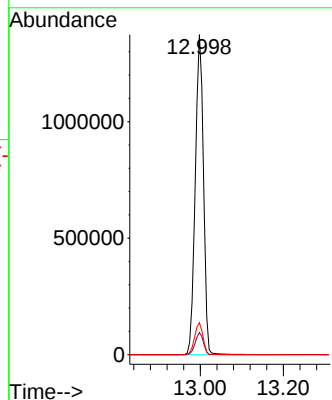
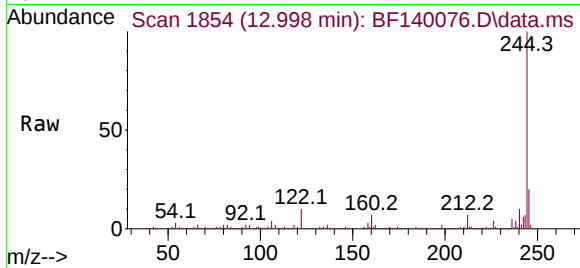




#79  
 Terphenyl-d14  
 Concen: 89.131 ng  
 RT: 12.998 min Scan# 1854  
 Delta R.T. 0.000 min  
 Lab File: BF140076.D  
 Acq: 28 Oct 2024 10:01

Instrument :  
 BNA\_F  
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 PB164444BL

Tgt Ion:244 Resp: 1868766  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.7 8.5  
 122 10.0 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: BF140076.D  
 Acq: 28 Oct 2024 10:01

Tgt Ion:264 Resp: 261224  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.4 29.2  
 265 21.3 17.4 26.0

