

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101924\  
Data File : BF139869.D  
Acq On : 19 Oct 2024 13:47  
Operator : RC/JU  
Sample : PB164216BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB164216BL

Quant Time: Oct 21 01:39:55 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   | 6.887  | 152  | 200094   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 794942   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.928  | 164  | 453346   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 848578   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 603034   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.527 | 264  | 446604   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.516  | 112  | 1625485  | 127.174 | ng    | 0.02     |
| 7) Phenol-d6                | 6.510  | 99   | 2000463  | 120.843 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 1300043  | 90.639  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 583147   | 137.520 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.245  | 172  | 2318672  | 84.528  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 2930842  | 79.195  | ng    | 0.00     |

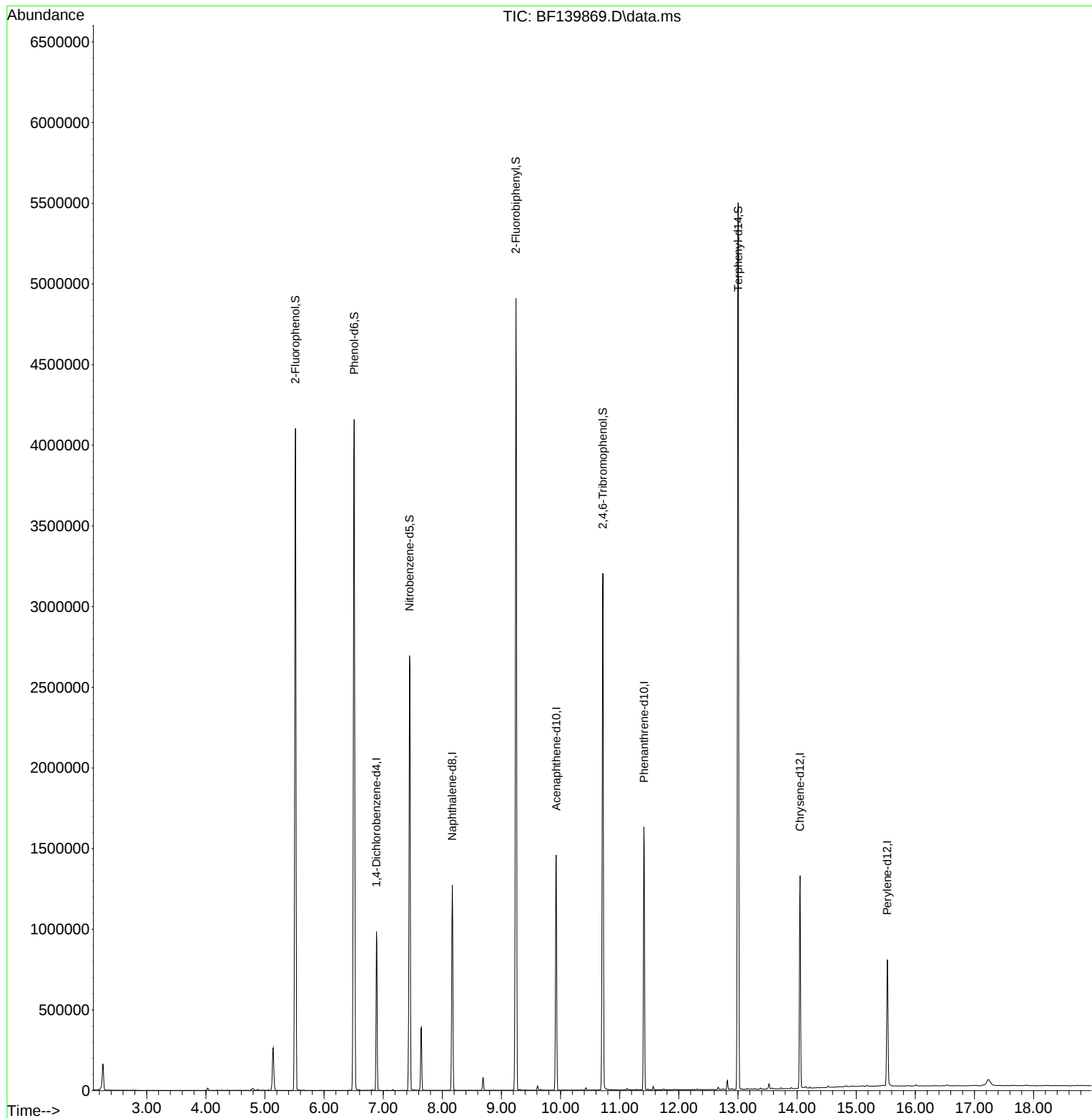
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

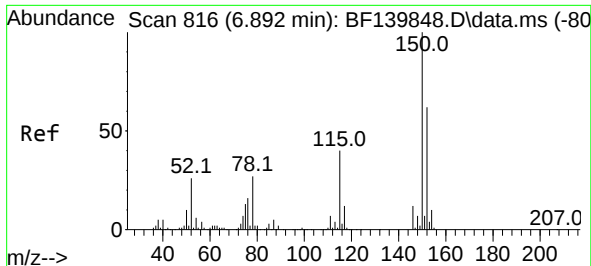
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : PB164216BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

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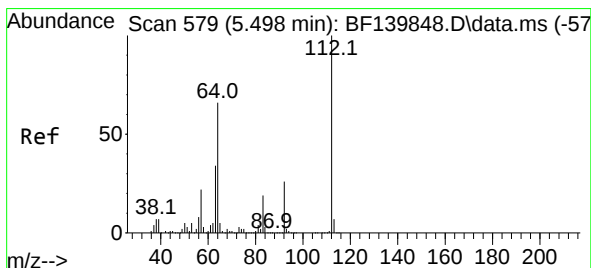
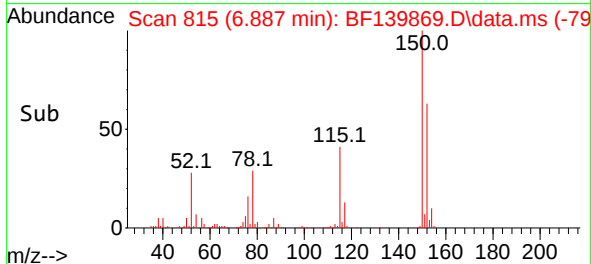
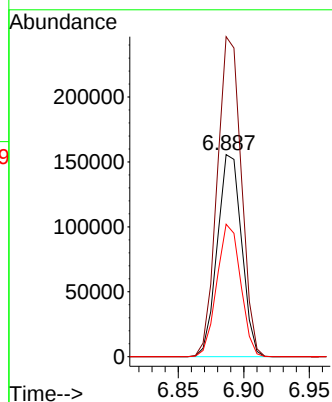
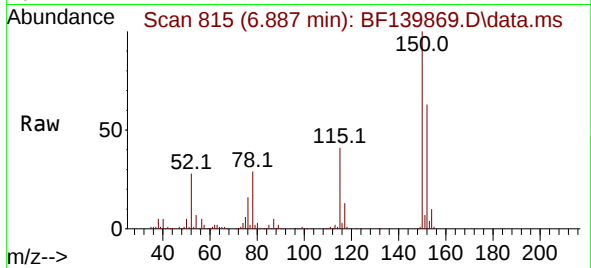




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

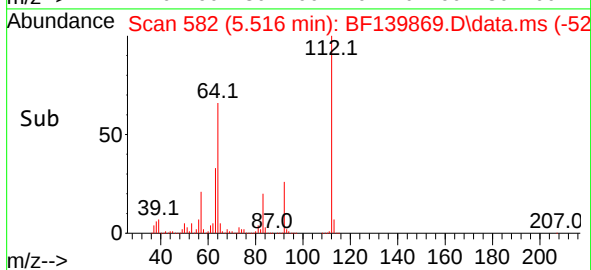
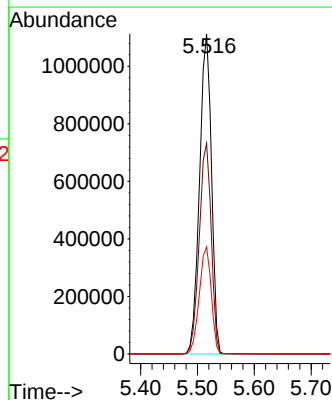
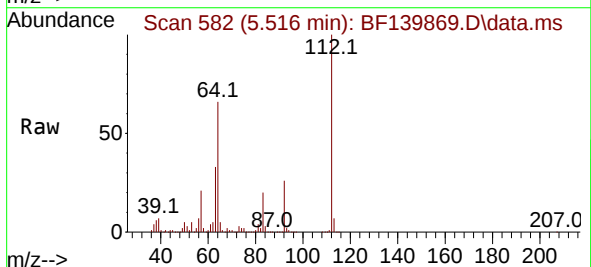
Instrument :  
BNA\_F  
ClientSampleId :  
PB164216BL

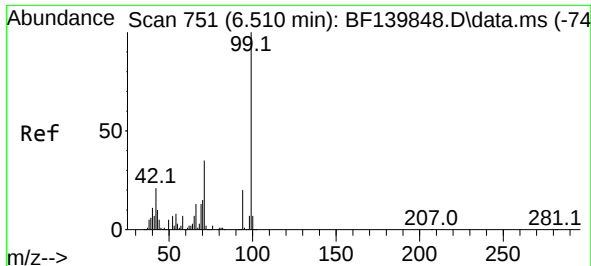
Tgt Ion:152 Resp: 200094  
Ion Ratio Lower Upper  
152 100  
150 158.3 130.2 195.2  
115 65.6 51.4 77.2



#5  
2-Fluorophenol  
Concen: 127.174 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

Tgt Ion:112 Resp: 1625485  
Ion Ratio Lower Upper  
112 100  
64 65.8 53.0 79.6  
63 33.4 27.0 40.4



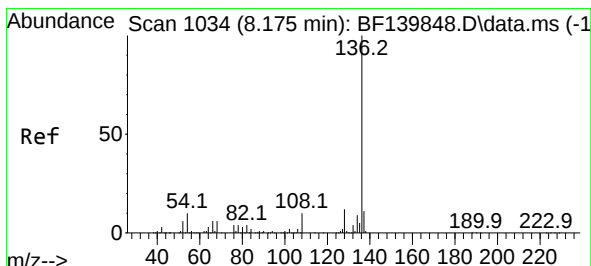
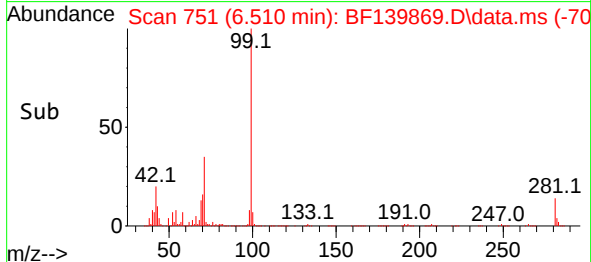
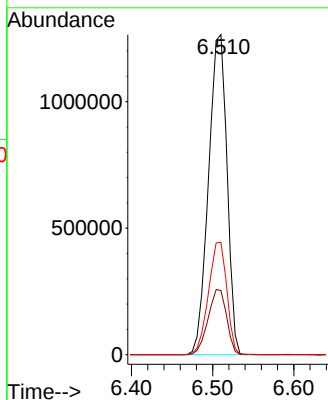
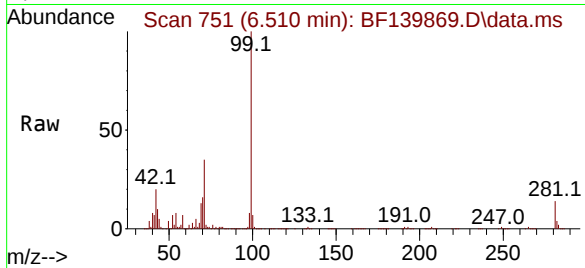


#7  
Phenol-d6  
Concen: 120.843 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

Instrument :  
BNA\_F  
ClientSampleId :  
PB164216BL

Tgt Ion: 99 Resp: 2000463

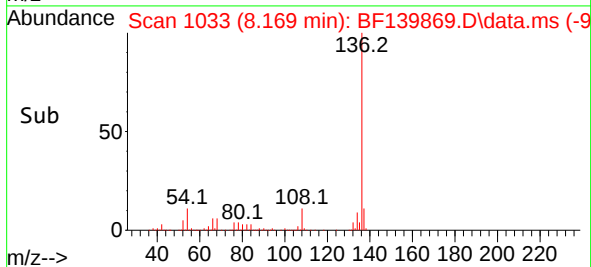
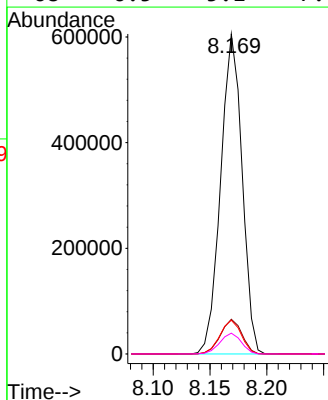
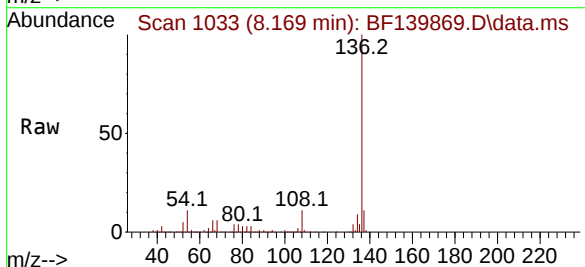
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.1  | 16.7  | 25.1  |
| 71  | 35.1  | 27.7  | 41.5  |

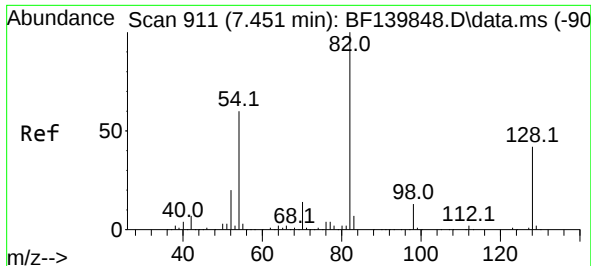


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1033  
Delta R.T. -0.006 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

Tgt Ion: 136 Resp: 794942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 12.8  |
| 54  | 10.6  | 8.4   | 12.6  |
| 68  | 6.5   | 5.1   | 7.7   |

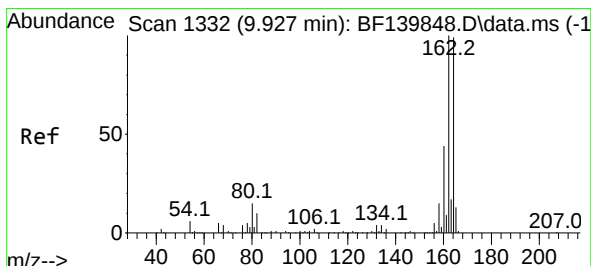
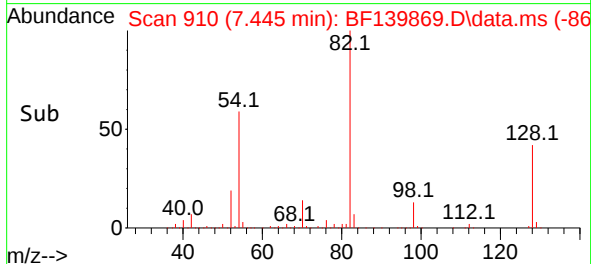
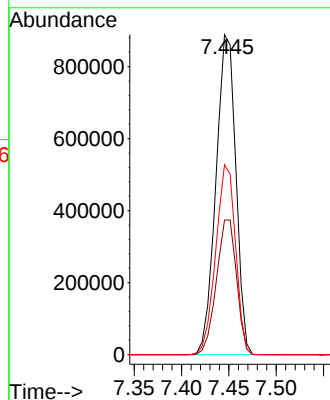
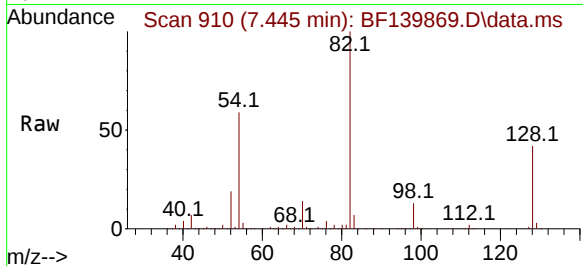




#23  
Nitrobenzene-d5  
Concen: 90.639 ng  
RT: 7.445 min Scan# 911  
Delta R.T. -0.006 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

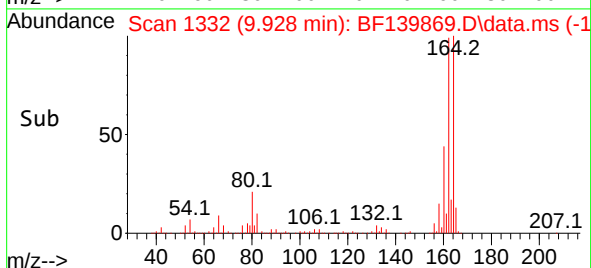
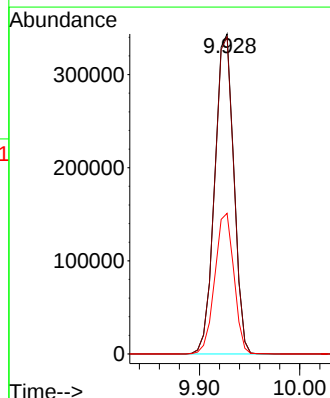
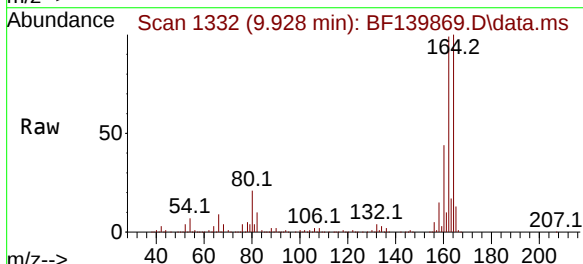
Instrument :  
BNA\_F  
ClientSampleId :  
PB164216BL

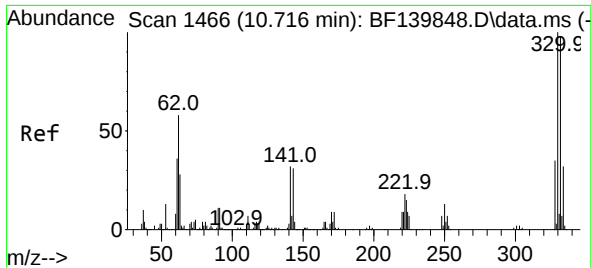
Tgt Ion: 82 Resp: 1300043  
Ion Ratio Lower Upper  
82 100  
128 42.0 33.4 50.0  
54 59.4 47.8 71.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1332  
Delta R.T. 0.001 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

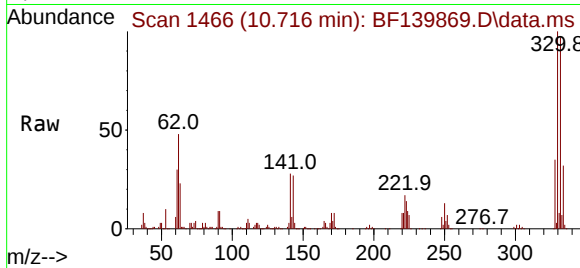
Tgt Ion:164 Resp: 453346  
Ion Ratio Lower Upper  
164 100  
162 99.1 81.0 121.4  
160 43.9 35.4 53.0



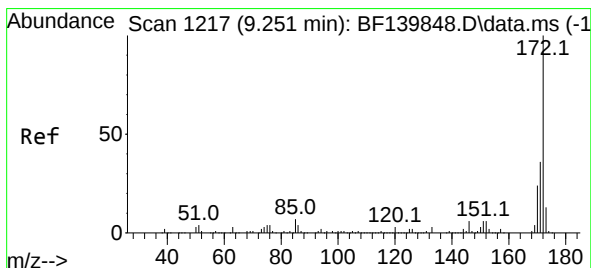
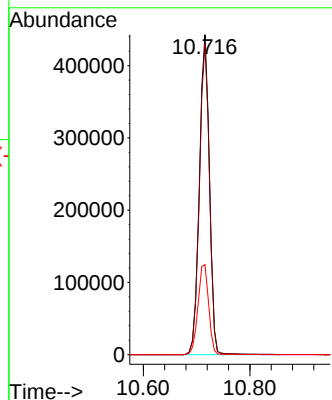
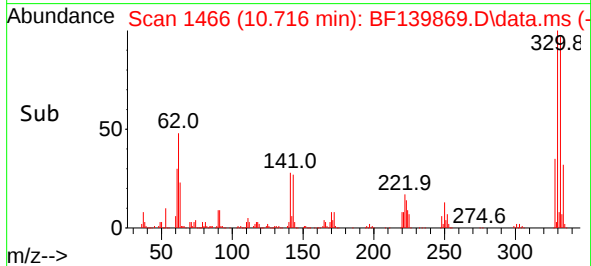


#42  
2,4,6-Tribromophenol  
Concen: 137.520 ng  
RT: 10.716 min Scan# 1466  
Delta R.T. 0.000 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

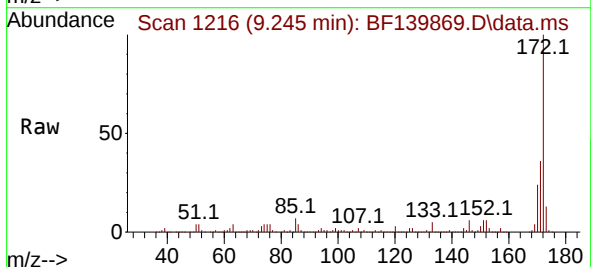
Instrument :  
BNA\_F  
ClientSampleId :  
PB164216BL



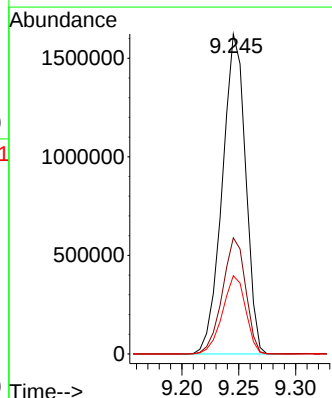
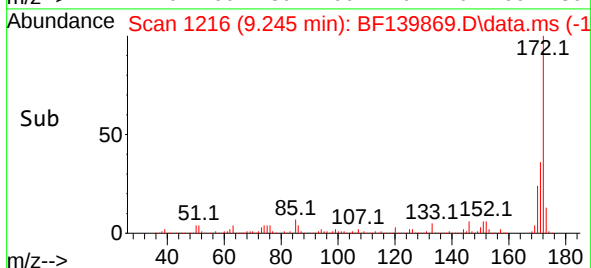
Tgt Ion:330 Resp: 583147  
Ion Ratio Lower Upper  
330 100  
332 96.7 78.1 117.1  
141 29.9 26.6 39.8

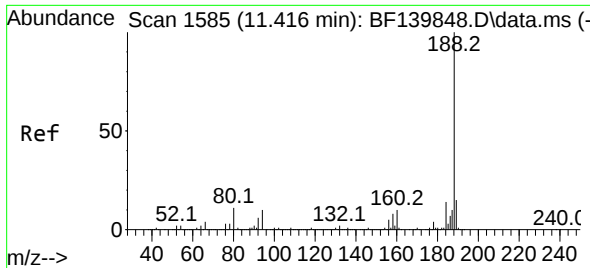


#45  
2-Fluorobiphenyl  
Concen: 84.528 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47



Tgt Ion:172 Resp: 2318672  
Ion Ratio Lower Upper  
172 100  
171 36.3 28.6 43.0  
170 24.4 19.1 28.7

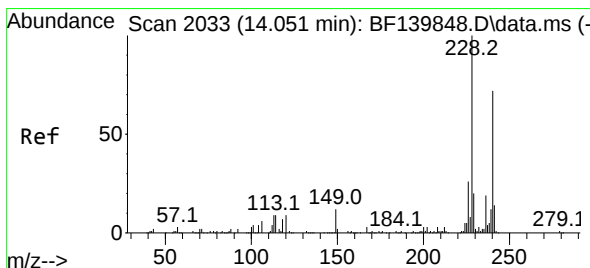
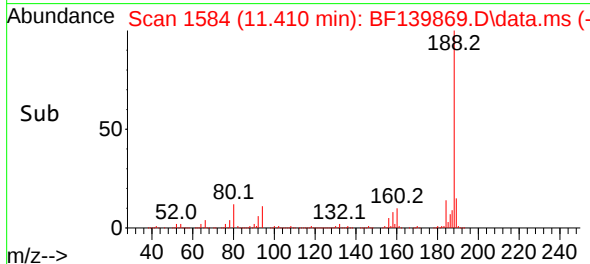
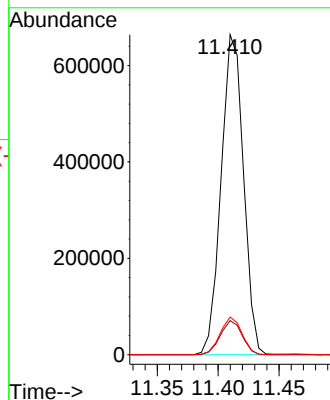
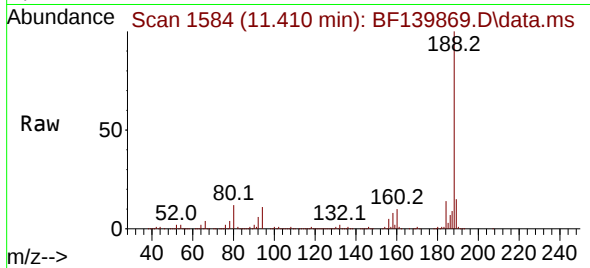




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

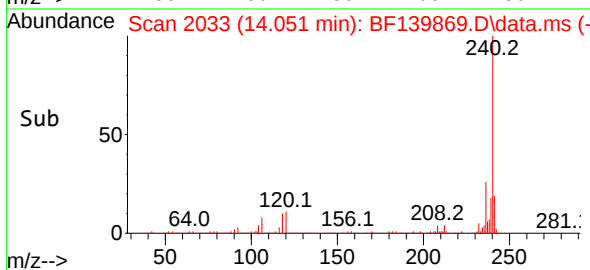
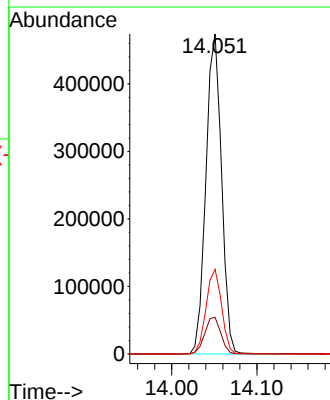
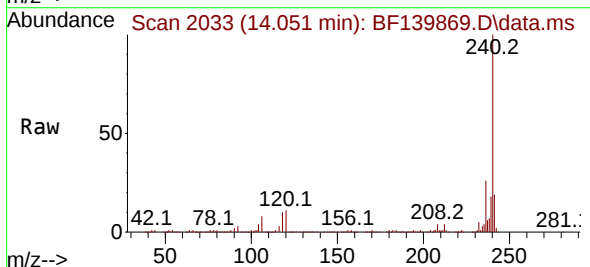
Instrument :  
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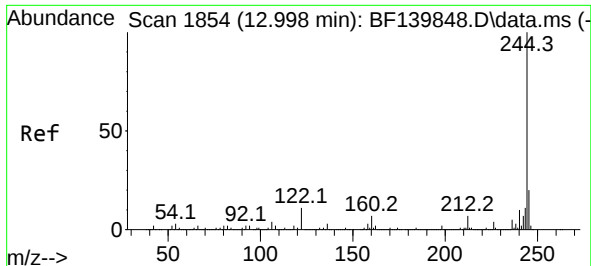
Tgt Ion:188 Resp: 848578  
Ion Ratio Lower Upper  
188 100  
94 10.7 7.9 11.9  
80 11.8 9.0 13.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2033  
Delta R.T. 0.000 min  
Lab File: BF139869.D  
Acq: 19 Oct 2024 13:47

Tgt Ion:240 Resp: 603034  
Ion Ratio Lower Upper  
240 100  
120 11.5 9.4 14.2  
236 26.5 20.9 31.3

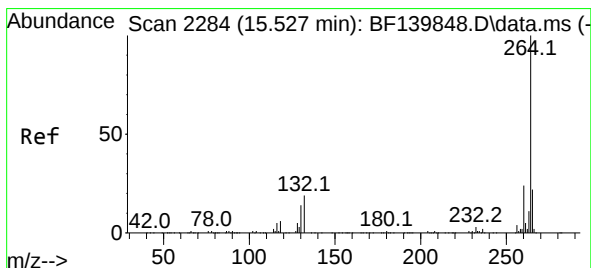
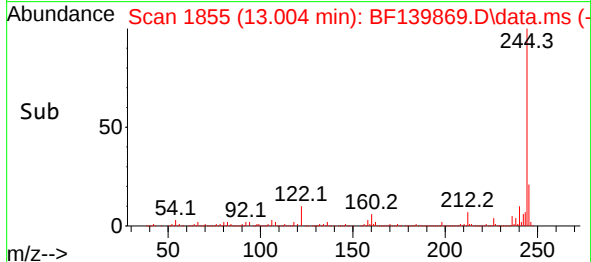
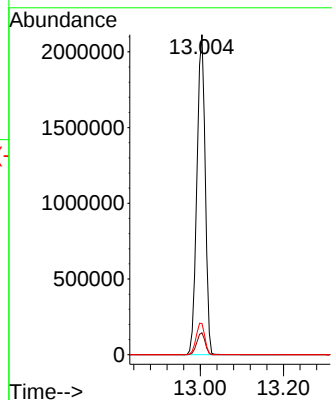
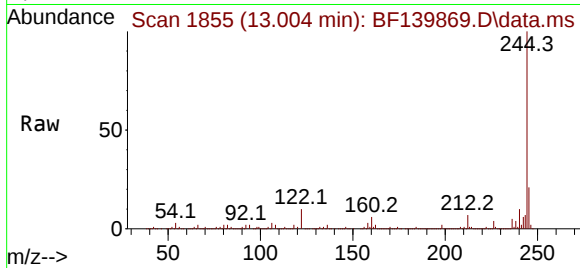




#79  
 Terphenyl-d14  
 Concen: 79.195 ng  
 RT: 13.004 min Scan# 1855  
 Delta R.T. 0.006 min  
 Lab File: BF139869.D  
 Acq: 19 Oct 2024 13:47

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164216BL

Tgt Ion:244 Resp: 2930842  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 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: BF139869.D  
 Acq: 19 Oct 2024 13:47

Tgt Ion:264 Resp: 446604  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.4 29.2  
 265 22.0 17.4 26.0

