

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102824\  
 Data File : BF140079.D  
 Acq On : 28 Oct 2024 11:31  
 Operator : RC/JU  
 Sample : PB164444BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164444BL

Quant Time: Oct 28 12:04:41 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

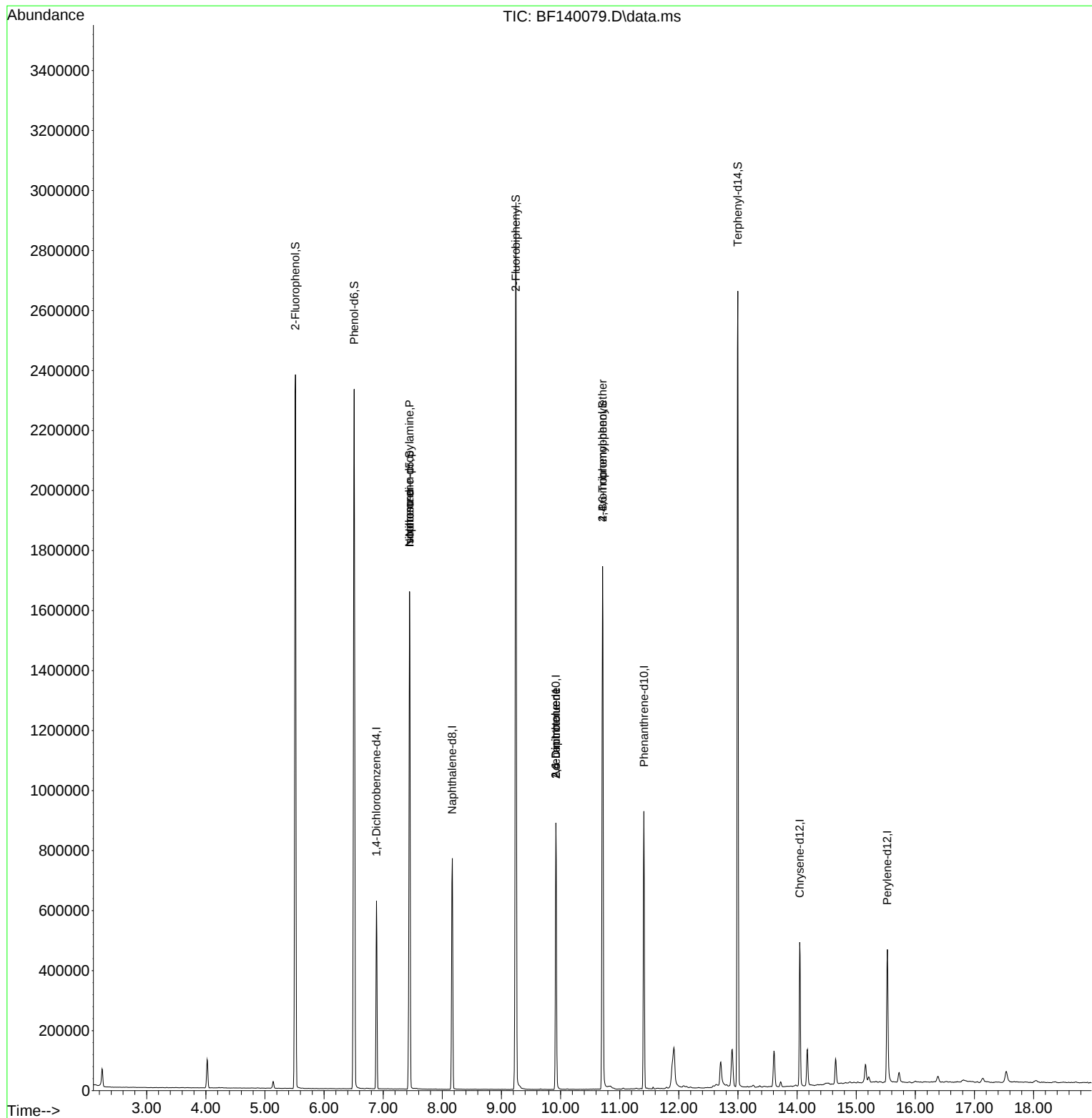
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 122619   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 482544   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 271379   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 481831   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.045 | 240  | 230845   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.527 | 264  | 282080   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.516  | 112  | 938931   | 119.874 | ng    | 0.02     |
| 7) Phenol-d6                  | 6.510  | 99   | 1179585  | 116.278 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 780064   | 89.596  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 319315   | 125.794 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 1416027  | 86.236  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1362075  | 96.146  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 105344   | 17.122  | ng    | # 77     |
| 25) Isophorone                | 7.445  | 82   | 775087   | 46.904  | ng    | # 67     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 34993    | 9.561   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 34993    | 7.775   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 20097    | 4.049   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF101824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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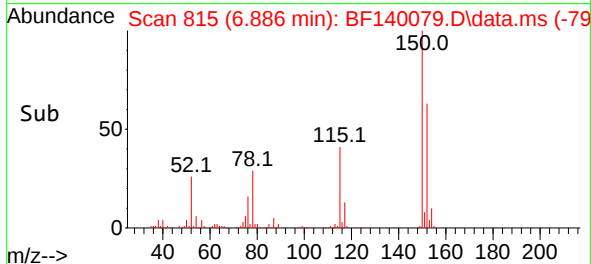
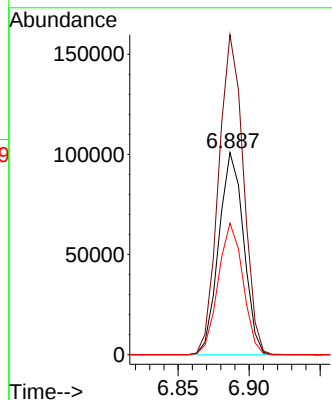
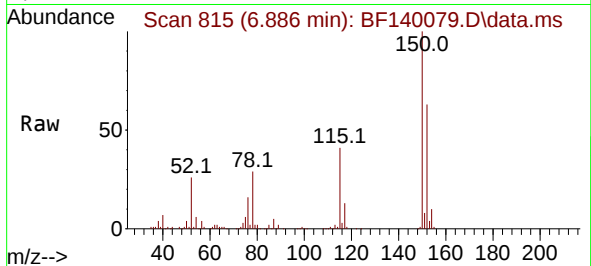




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.886 min Scan# 816  
Delta R.T. -0.006 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

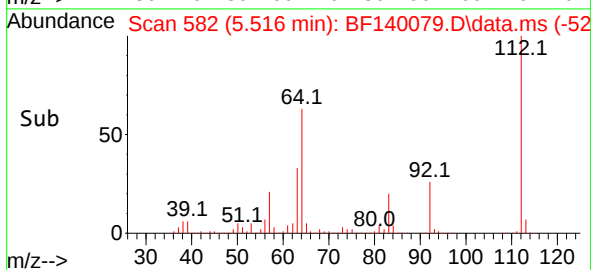
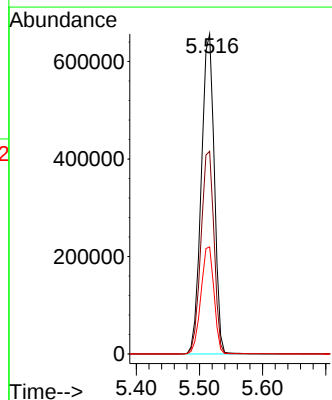
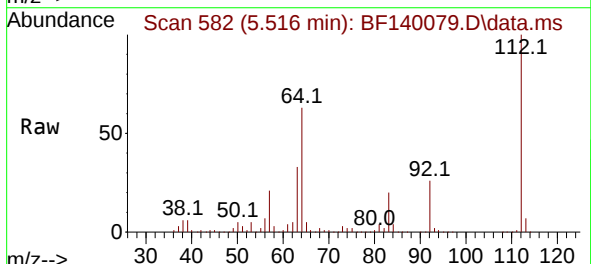
Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

Tgt Ion:152 Resp: 122619  
Ion Ratio Lower Upper  
152 100  
150 158.4 130.2 195.2  
115 65.1 51.4 77.2



#5  
2-Fluorophenol  
Concen: 119.874 ng  
RT: 5.516 min Scan# 582  
Delta R.T. 0.018 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

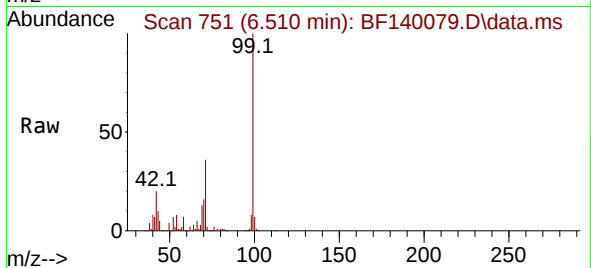
Tgt Ion:112 Resp: 938931  
Ion Ratio Lower Upper  
112 100  
64 63.3 53.0 79.6  
63 33.4 27.0 40.4





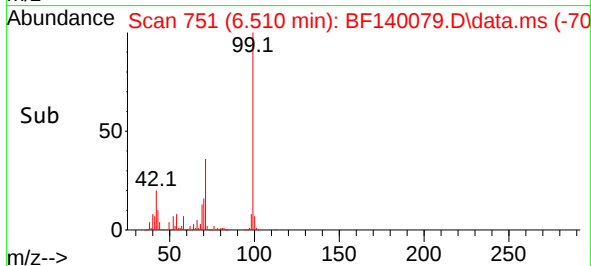
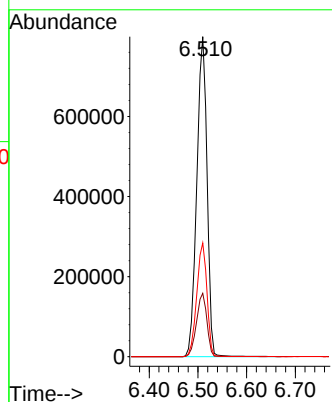
#7  
Phenol-d6  
Concen: 116.278 ng  
RT: 6.510 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL



Tgt Ion: 99 Resp: 1179585

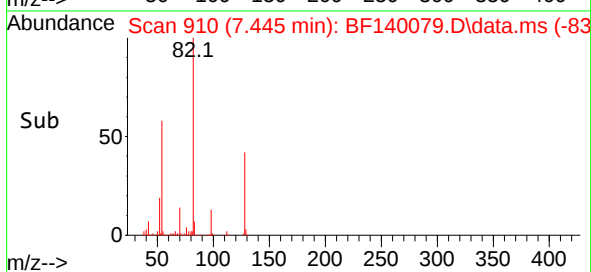
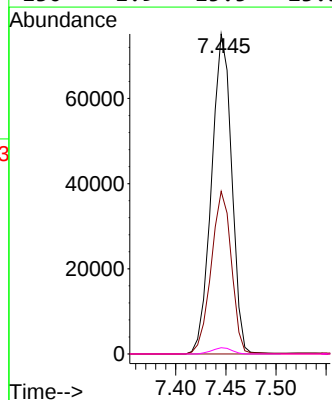
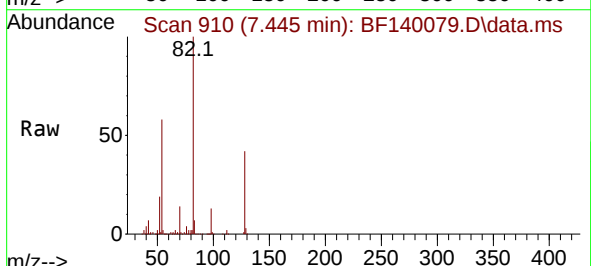
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.8  | 16.7  | 25.1  |
| 71  | 35.6  | 27.7  | 41.5  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.122 ng  
RT: 7.445 min Scan# 910  
Delta R.T. 0.141 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

Tgt Ion: 70 Resp: 105344

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 50.8  | 51.5  | 77.3# |
| 101 | 0.0   | 7.5   | 11.3# |
| 130 | 1.9   | 15.5  | 23.3# |

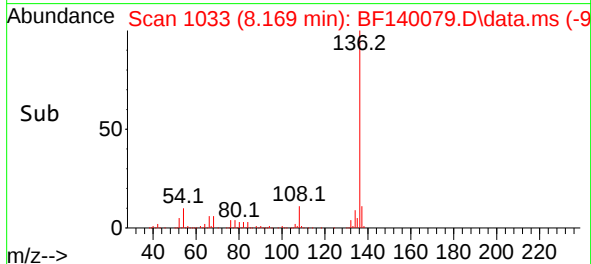
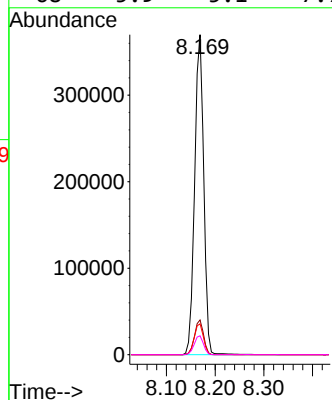
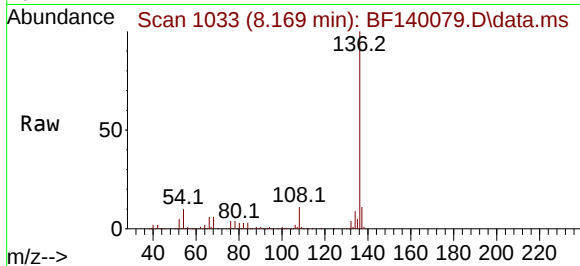




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

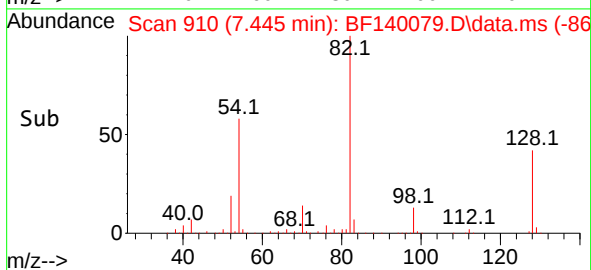
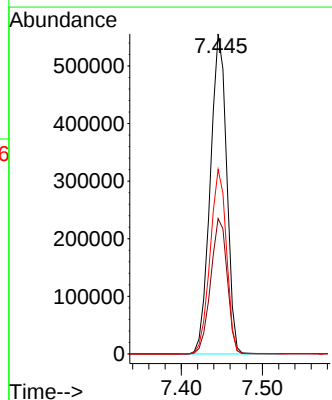
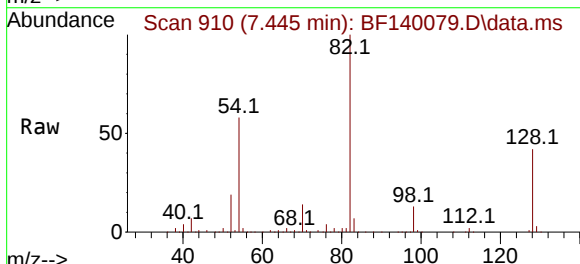
Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 482544 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.6   | 12.8   |
| 54       | 9.6   | 8.4   | 12.6   |
| 68       | 5.9   | 5.1   | 7.7    |



#23  
Nitrobenzene-d5  
Concen: 89.596 ng  
RT: 7.445 min Scan# 910  
Delta R.T. -0.006 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 780064 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.3  | 33.4  | 50.0   |
| 54       | 57.7  | 47.8  | 71.8   |

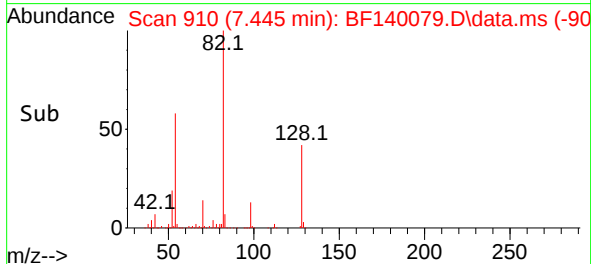
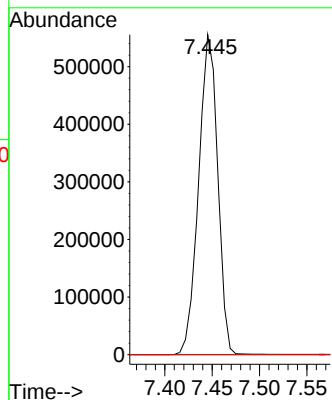
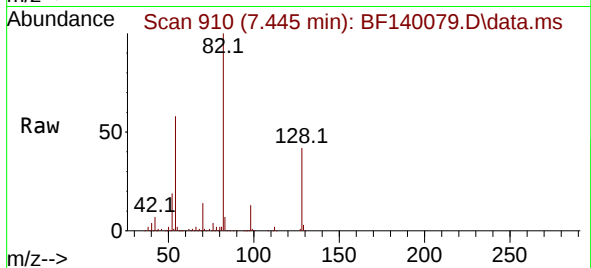




#25  
Isophorone  
Concen: 46.904 ng  
RT: 7.445 min Scan# 910  
Delta R.T. -0.265 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

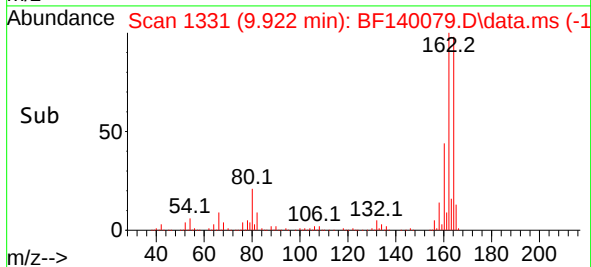
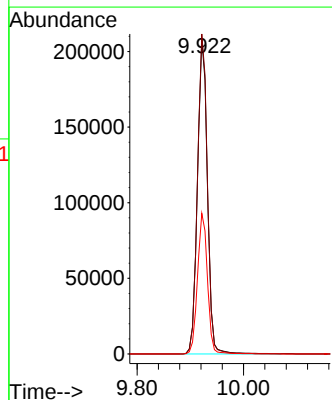
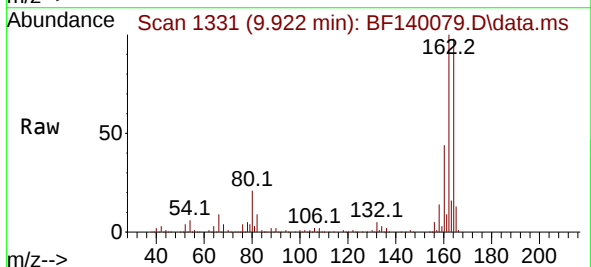
Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

Tgt Ion: 82 Resp: 775087  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.5 8.3#  
138 0.0 13.2 19.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.005 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

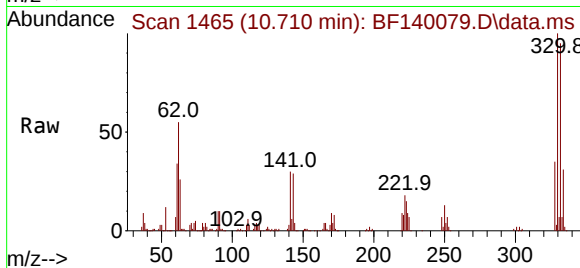
Tgt Ion: 164 Resp: 271379  
Ion Ratio Lower Upper  
164 100  
162 101.7 81.0 121.4  
160 44.7 35.4 53.0



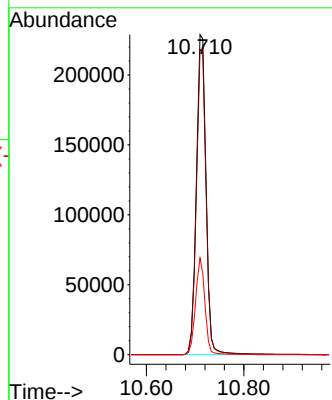
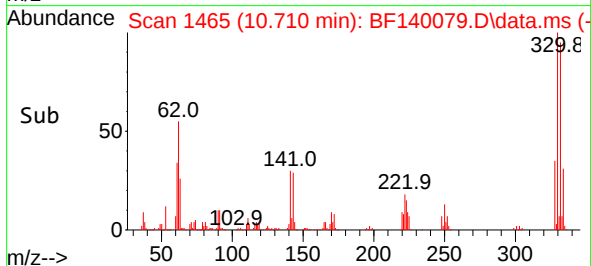


#42  
2,4,6-Tribromophenol  
Concen: 125.794 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

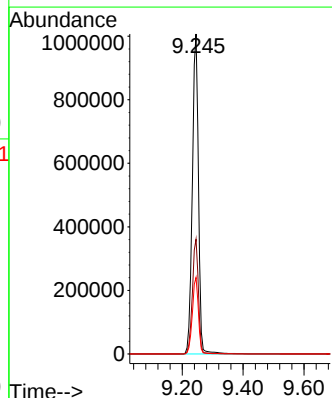
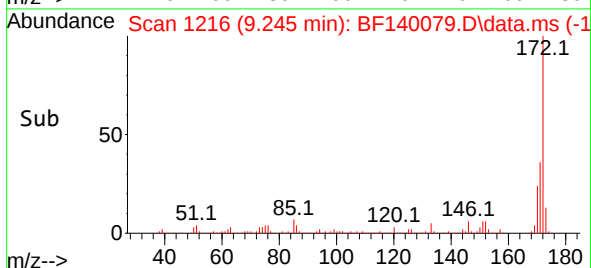
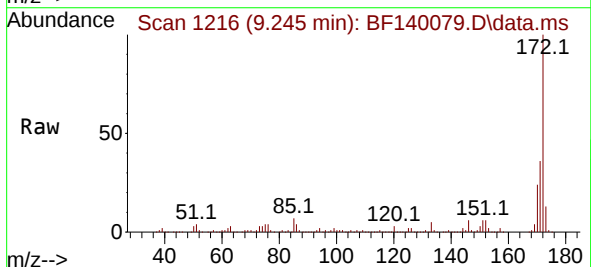


Tgt Ion:330 Resp: 319315  
Ion Ratio Lower Upper  
330 100  
332 95.4 78.1 117.1  
141 29.1 26.6 39.8



#45  
2-Fluorobiphenyl  
Concen: 86.236 ng  
RT: 9.245 min Scan# 1216  
Delta R.T. -0.006 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

Tgt Ion:172 Resp: 1416027  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.6 43.0  
170 23.9 19.1 28.7

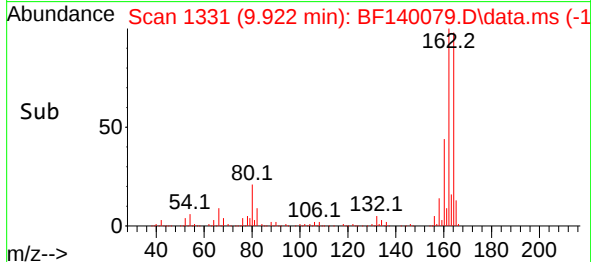
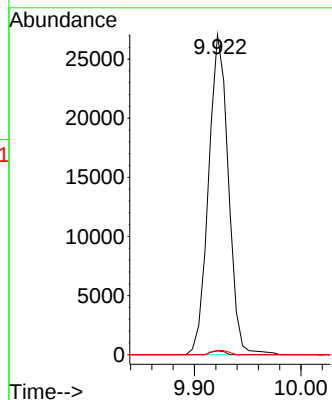
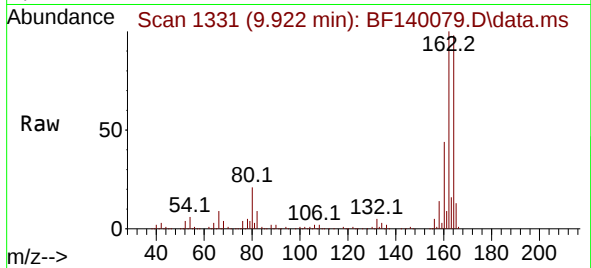




#51  
2,6-Dinitrotoluene  
Concen: 9.561 ng  
RT: 9.922 min Scan# 11  
Delta R.T. 0.212 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

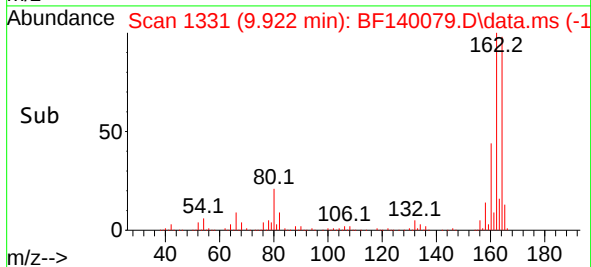
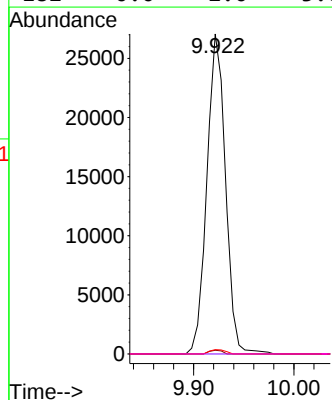
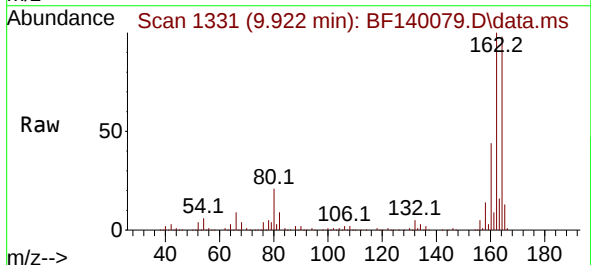
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ClientSampleId :  
PB164444BL

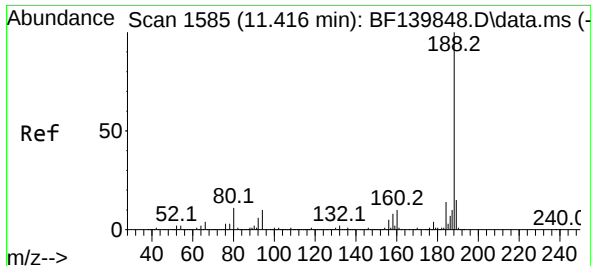
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Ion Ratio Lower Upper  
165 100  
63 1.1 50.6 75.8#  
89 1.4 47.5 71.3#



#57  
2,4-Dinitrotoluene  
Concen: 7.775 ng  
RT: 9.922 min Scan# 1331  
Delta R.T. -0.188 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

Tgt Ion:165 Resp: 34993  
Ion Ratio Lower Upper  
165 100  
63 1.1 40.1 60.1#  
89 1.4 60.4 90.6#  
182 0.0 2.0 3.0#

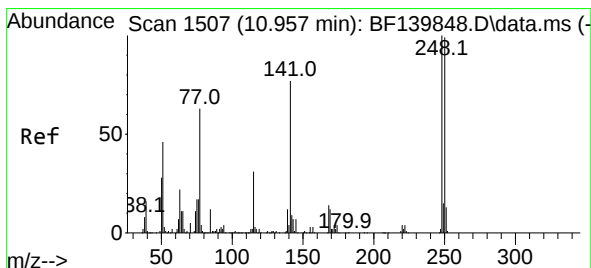
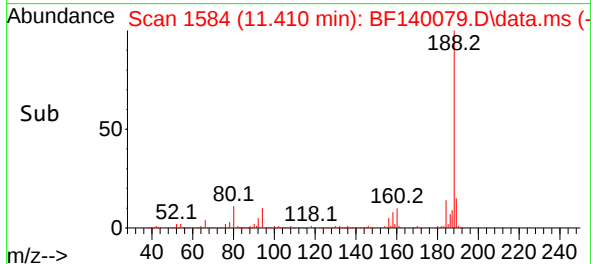
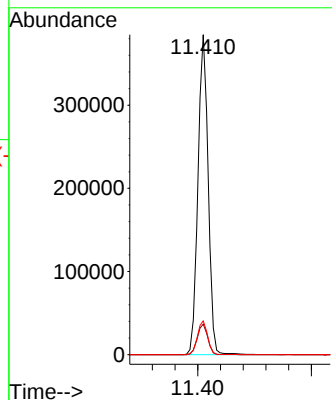
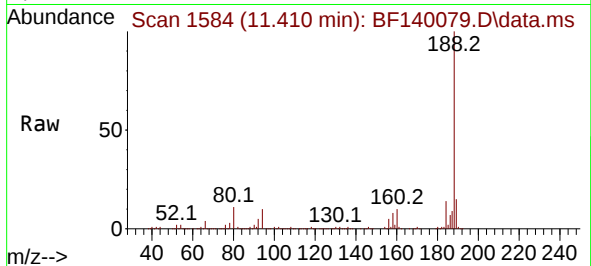




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

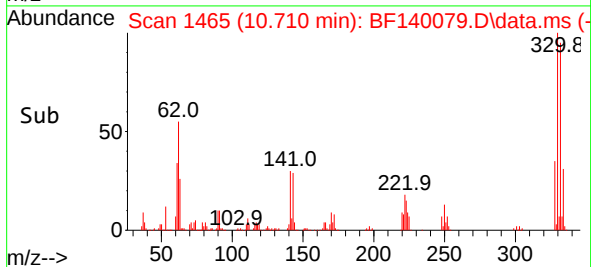
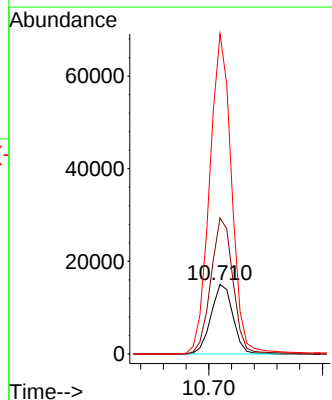
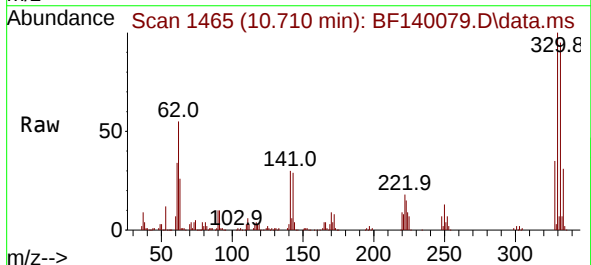
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BNA\_F  
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PB164444BL

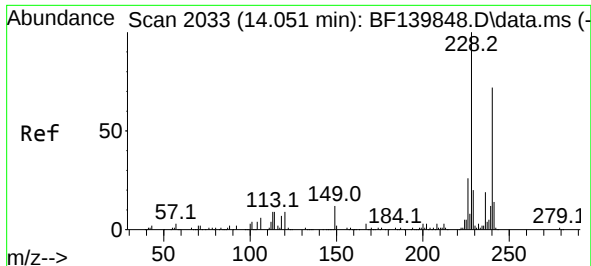
Tgt Ion:188 Resp: 481831  
Ion Ratio Lower Upper  
188 100  
94 9.5 7.9 11.9  
80 10.5 9.0 13.4



#67  
4-Bromophenyl-phenylether  
Concen: 4.049 ng  
RT: 10.710 min Scan# 1465  
Delta R.T. -0.247 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

Tgt Ion:248 Resp: 20097  
Ion Ratio Lower Upper  
248 100  
250 195.5 79.0 118.6#  
141 460.0 61.7 92.5#

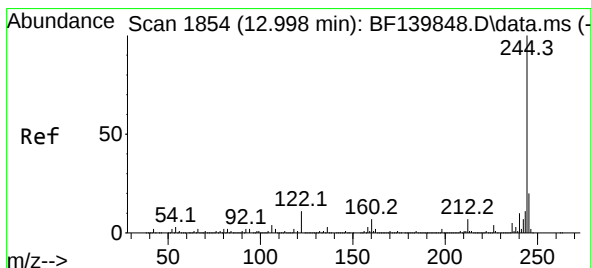
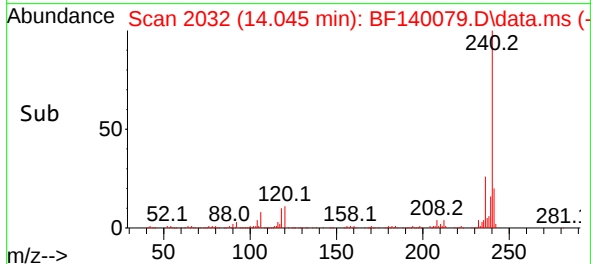
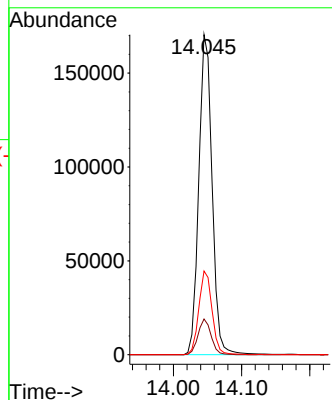
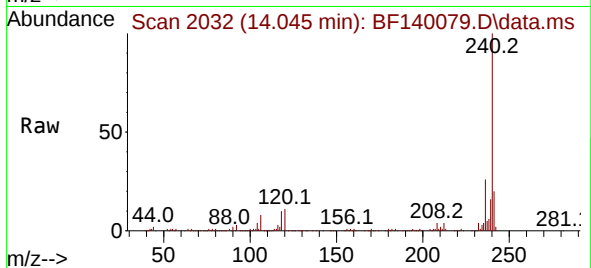




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.045 min Scan# 2032  
Delta R.T. -0.006 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

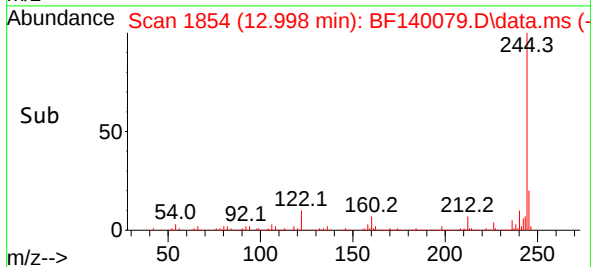
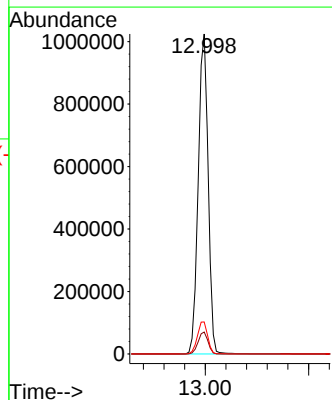
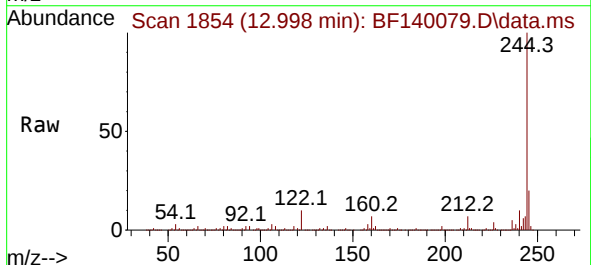
Instrument :  
BNA\_F  
ClientSampleId :  
PB164444BL

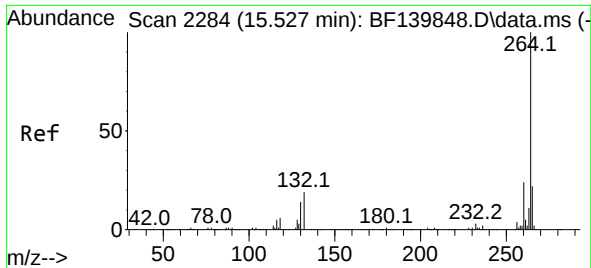
Tgt Ion:240 Resp: 230845  
Ion Ratio Lower Upper  
240 100  
120 11.1 9.4 14.2  
236 26.2 20.9 31.3



#79  
Terphenyl-d14  
Concen: 96.146 ng  
RT: 12.998 min Scan# 1854  
Delta R.T. 0.000 min  
Lab File: BF140079.D  
Acq: 28 Oct 2024 11:31

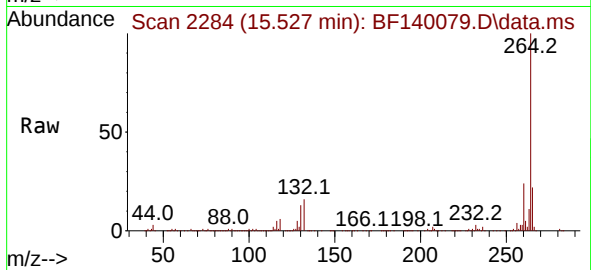
Tgt Ion:244 Resp: 1362075  
Ion Ratio Lower Upper  
244 100  
212 6.9 5.7 8.5  
122 10.0 8.6 13.0





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.527 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF140079.D  
 Acq: 28 Oct 2024 11:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB164444BL



Tgt Ion:264 Resp: 282080  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.4 29.2  
 265 21.5 17.4 26.0

