

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050924\  
 Data File : BF137862.D  
 Acq On : 09 May 2024 14:12  
 Operator : CG\JU  
 Sample : PB160815BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB160815BL

Quant Time: May 09 15:13:05 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF043024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 01 03:25:08 2024  
 Response via : Initial Calibration

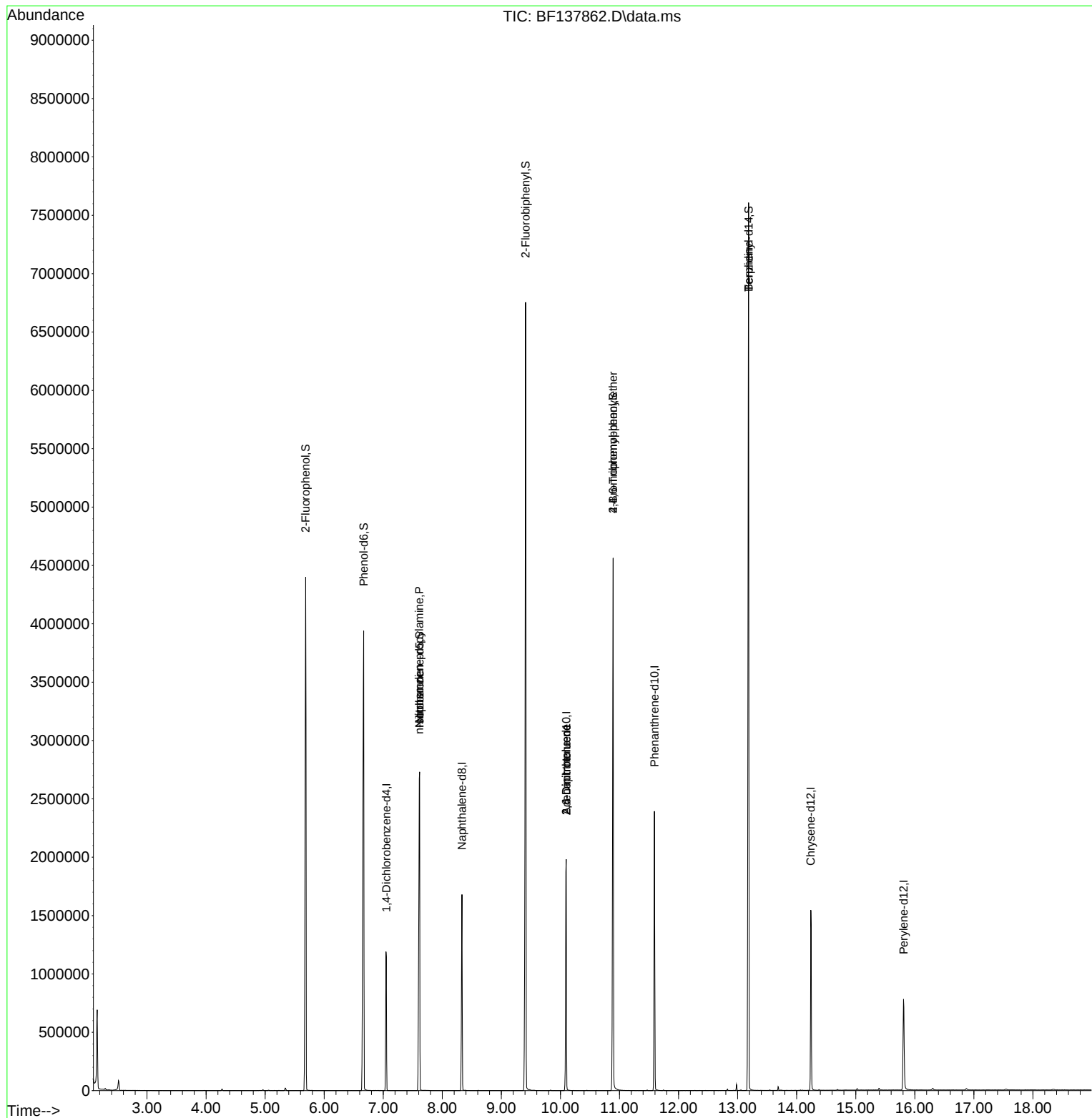
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.051  | 152  | 189653   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.333  | 136  | 777022   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 10.098 | 164  | 464787   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.592 | 188  | 829149   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.239 | 240  | 536515   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 15.809 | 264  | 399360   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.687  | 112  | 1490064  | 131.545 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.669  | 99   | 1829678  | 127.347 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.616  | 82   | 1168622  | 87.378  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.892 | 330  | 644794   | 135.872 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.410  | 172  | 2451758  | 85.580  | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.186 | 244  | 2961047  | 92.491  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.610  | 70   | 155090   | 18.062  | ng    | # 75     |
| 25) Isophorone                | 7.616  | 82   | 1167493  | 48.416  | ng    | # 64     |
| 51) 2,6-Dinitrotoluene        | 10.098 | 165  | 57872    | 8.631   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 10.098 | 165  | 57872    | 6.606   | ng    | # 27     |
| 67) 4-Bromophenyl-phenylether | 10.892 | 248  | 40117    | 4.521   | ng    | # 1      |
| 77) Benzidine                 | 13.186 | 184  | 36257    | 2.922   | ng    | # 93     |
| -----                         |        |      |          |         |       |          |

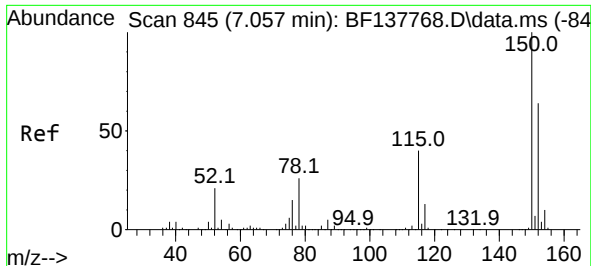
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050924\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 01 03:25:08 2024  
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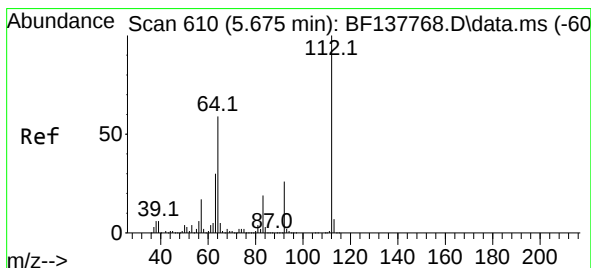
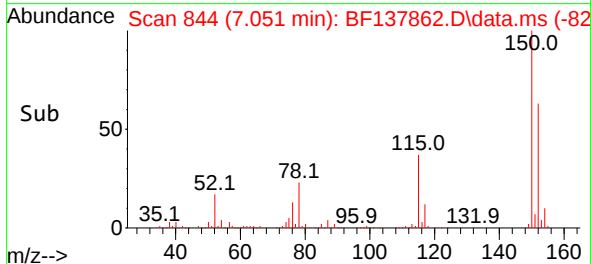
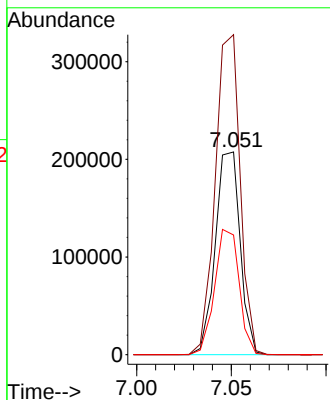
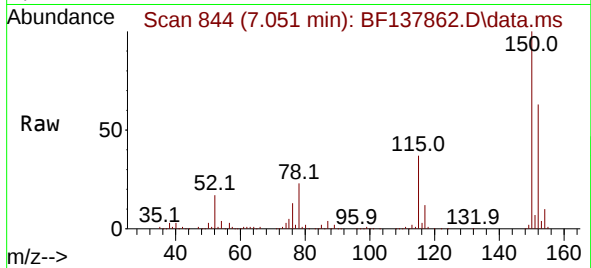




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.051 min Scan# 84  
Delta R.T. -0.006 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

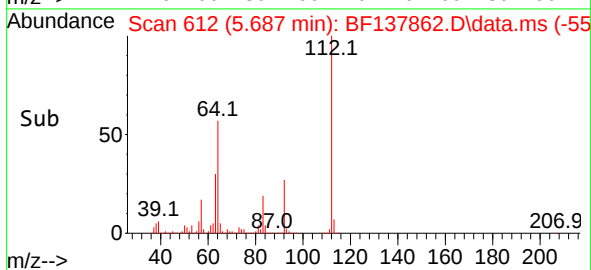
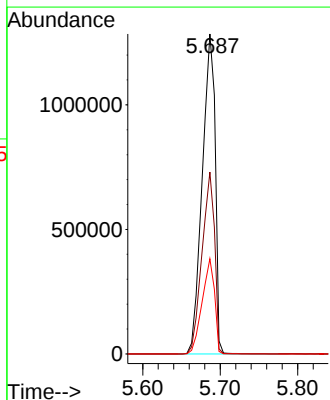
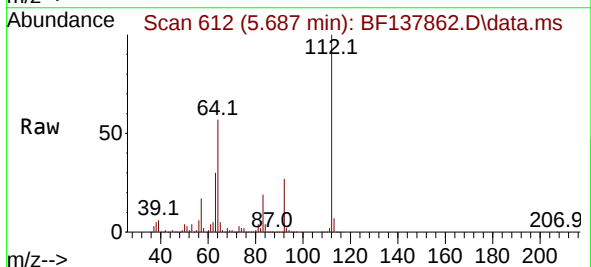
Instrument :  
BNA\_F  
ClientSampleId :  
PB160815BL

Tgt Ion:152 Resp: 189653  
Ion Ratio Lower Upper  
152 100  
150 157.8 124.1 186.1  
115 59.0 49.1 73.7



#5  
2-Fluorophenol  
Concen: 131.545 ng  
RT: 5.687 min Scan# 612  
Delta R.T. 0.012 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

Tgt Ion:112 Resp: 1490064  
Ion Ratio Lower Upper  
112 100  
64 56.9 47.3 70.9  
63 29.7 23.7 35.5



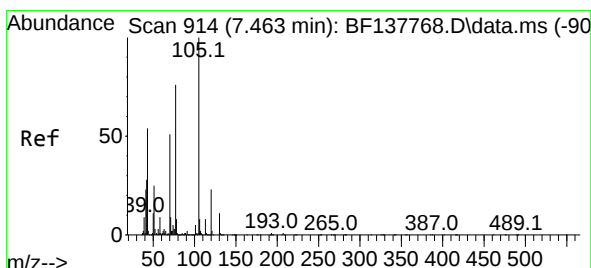
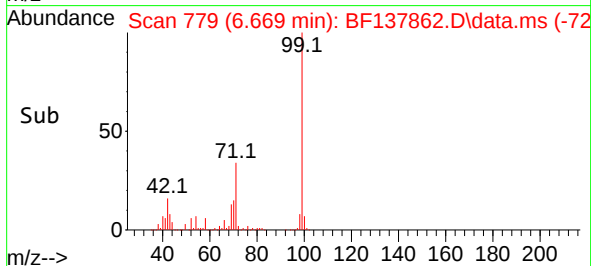
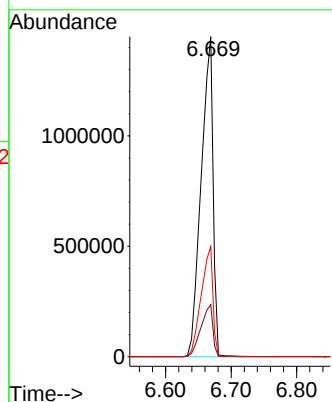
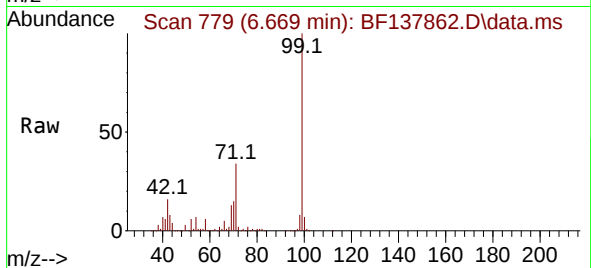


#7  
Phenol-d6  
Concen: 127.347 ng  
RT: 6.669 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

Instrument :  
BNA\_F  
ClientSampleId :  
PB160815BL

Tgt Ion: 99 Resp: 1829678

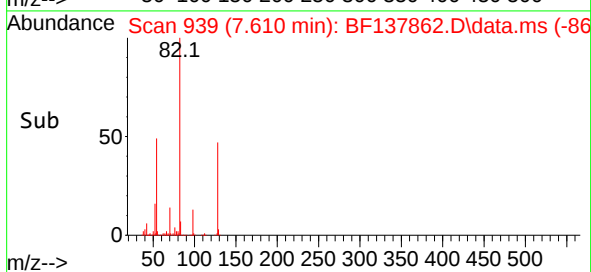
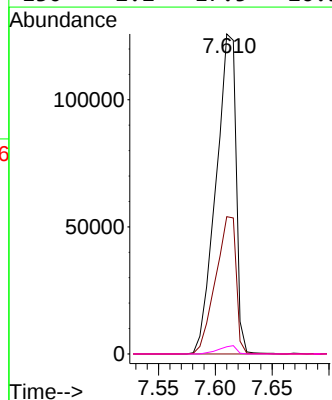
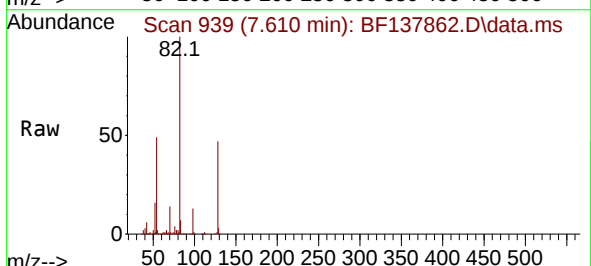
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 16.3  | 13.2  | 19.8  |
| 71  | 34.4  | 25.0  | 37.4  |

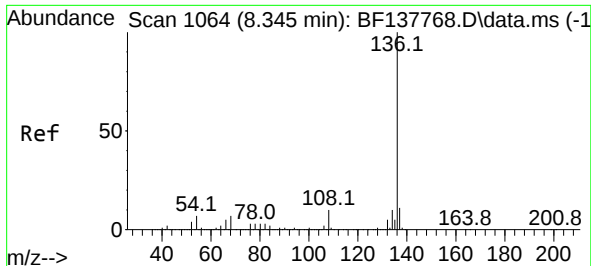


#19  
n-Nitroso-di-n-propylamine  
Concen: 18.062 ng  
RT: 7.610 min Scan# 939  
Delta R.T. 0.147 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

Tgt Ion: 70 Resp: 155090

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 42.9  | 44.6  | 66.8# |
| 101 | 0.0   | 7.8   | 11.6# |
| 130 | 2.2   | 17.5  | 26.3# |

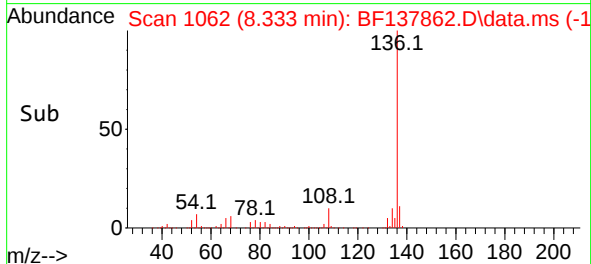
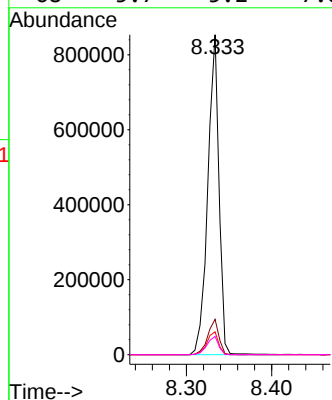
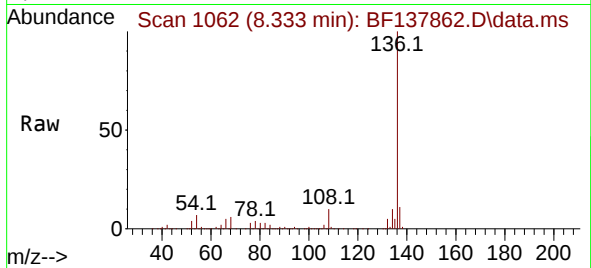




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.333 min Scan# 1062  
Delta R.T. -0.012 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

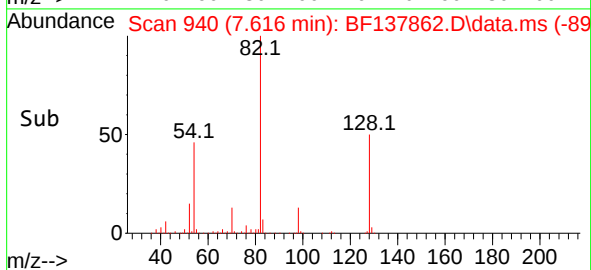
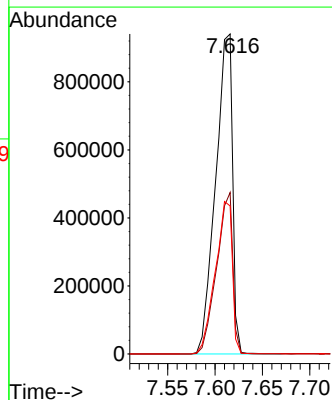
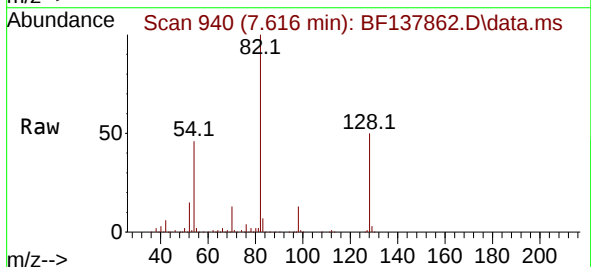
Instrument :  
BNA\_F  
ClientSampleId :  
PB160815BL

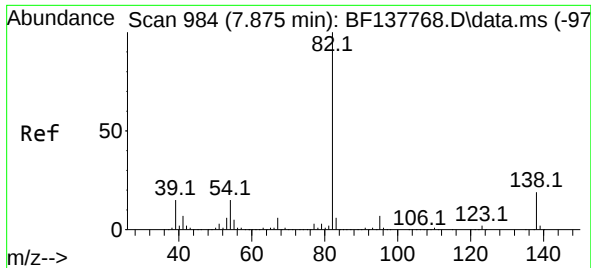
Tgt Ion:136 Resp: 777022  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.8 13.2  
54 7.2 5.8 8.8  
68 5.7 5.2 7.8



#23  
Nitrobenzene-d5  
Concen: 87.378 ng  
RT: 7.616 min Scan# 940  
Delta R.T. -0.006 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

Tgt Ion: 82 Resp: 1168622  
Ion Ratio Lower Upper  
82 100  
128 50.4 37.5 56.3  
54 46.3 39.8 59.6

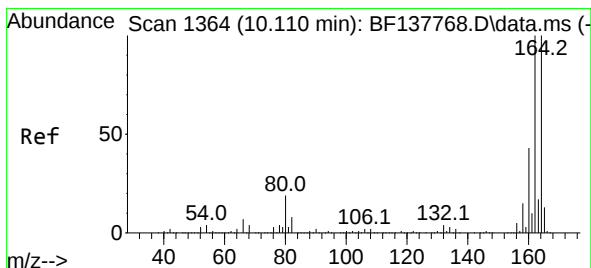
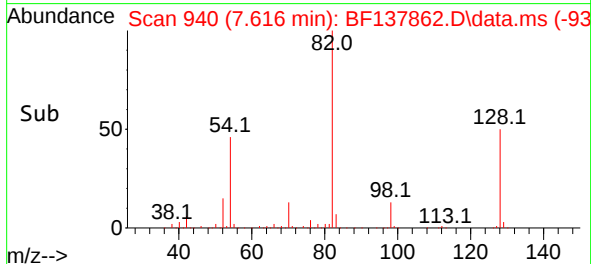
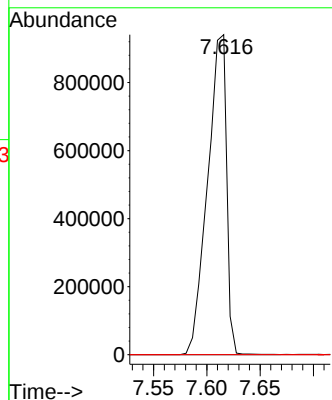
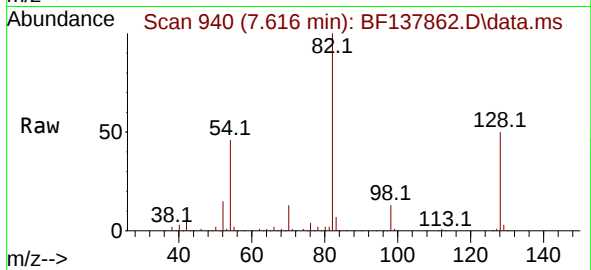




#25  
Isophorone  
Concen: 48.416 ng  
RT: 7.616 min Scan# 94  
Delta R.T. -0.259 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

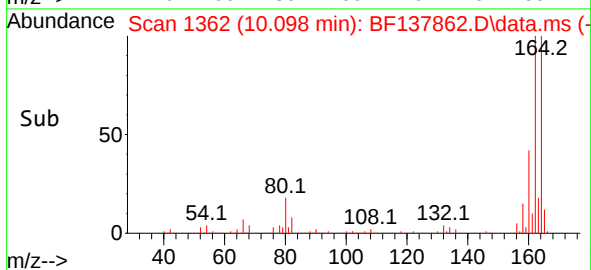
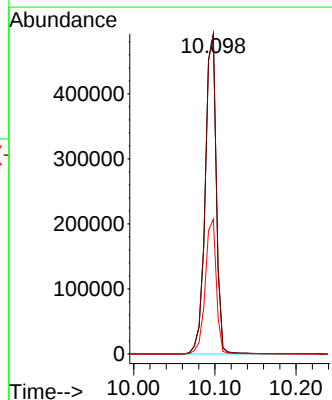
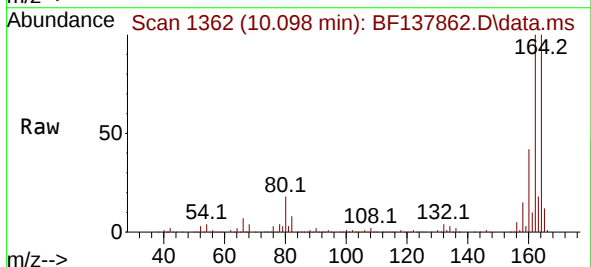
Instrument :  
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ClientSampleId :  
PB160815BL

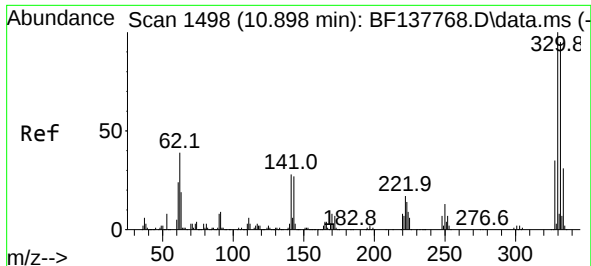
Tgt Ion: 82 Resp: 1167493  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 15.0 22.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.012 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

Tgt Ion:164 Resp: 464787  
Ion Ratio Lower Upper  
164 100  
162 99.7 79.8 119.6  
160 42.1 34.4 51.6

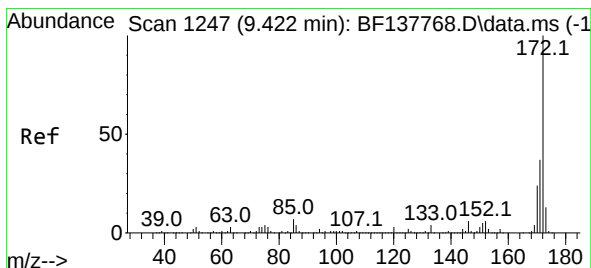
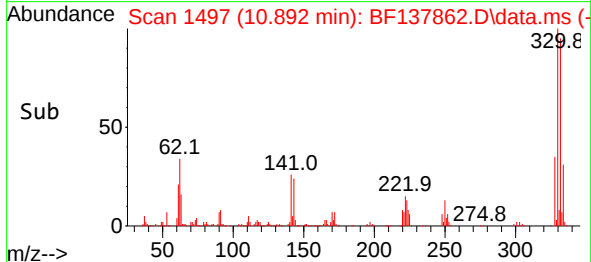
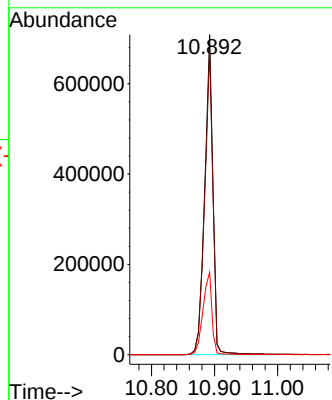
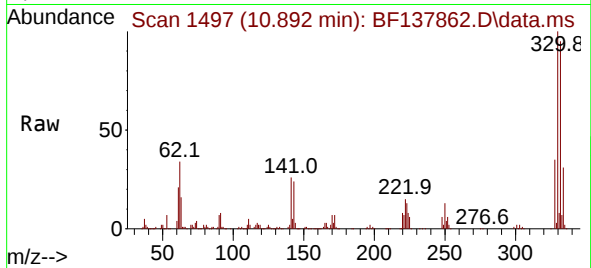




#42  
2,4,6-Tribromophenol  
Concen: 135.872 ng  
RT: 10.892 min Scan# 1497  
Delta R.T. -0.006 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

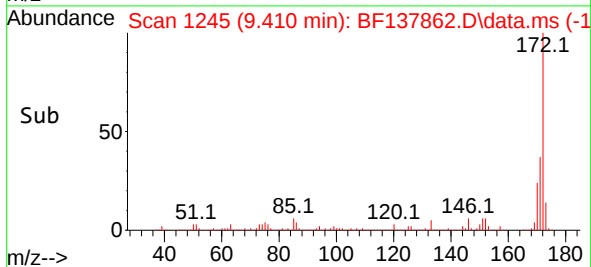
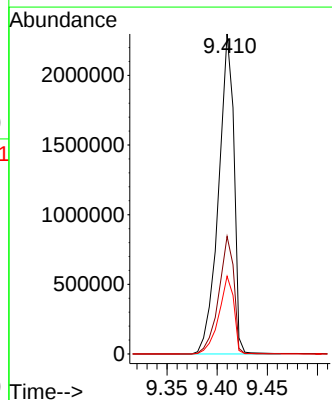
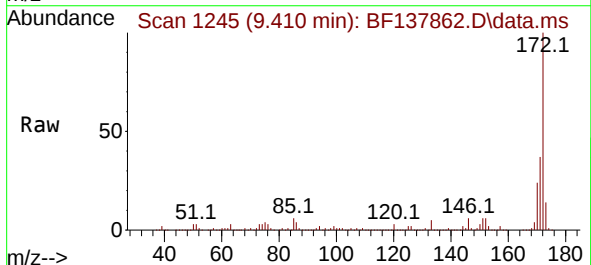
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ClientSampleId :  
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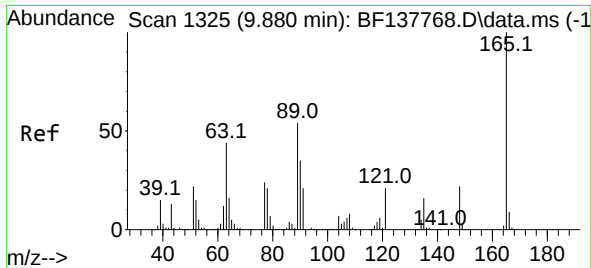
Tgt Ion:330 Resp: 644794  
Ion Ratio Lower Upper  
330 100  
332 96.1 77.3 115.9  
141 28.0 23.8 35.6



#45  
2-Fluorobiphenyl  
Concen: 85.580 ng  
RT: 9.410 min Scan# 1245  
Delta R.T. -0.012 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

Tgt Ion:172 Resp: 2451758  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.6 44.4  
170 24.3 19.4 29.2

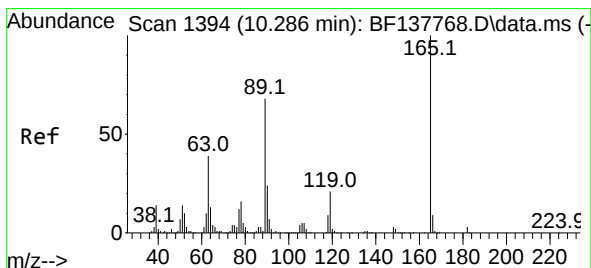
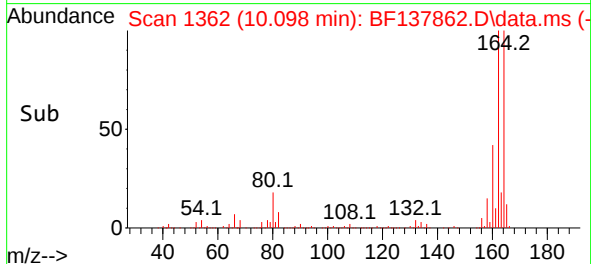
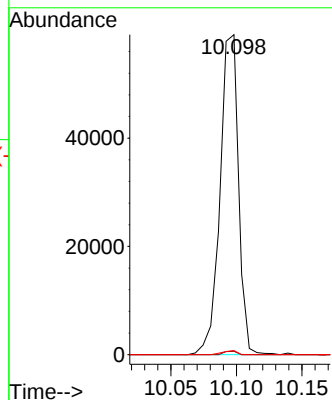
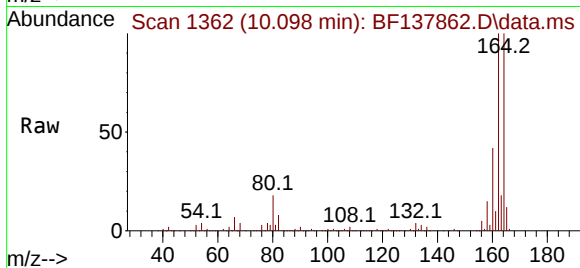




#51  
2,6-Dinitrotoluene  
Concen: 8.631 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. 0.218 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

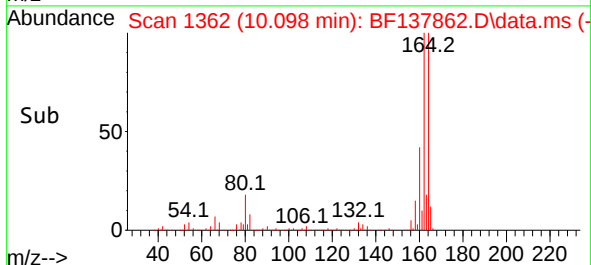
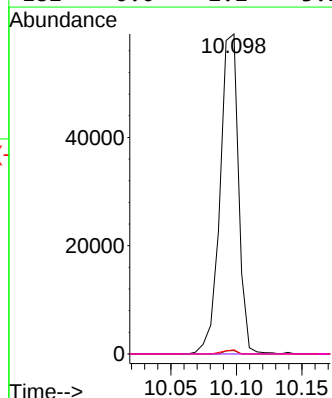
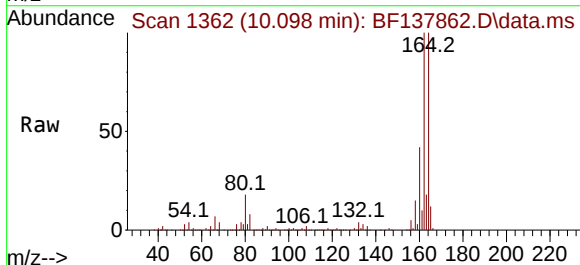
Instrument :  
BNA\_F  
ClientSampleId :  
PB160815BL

Tgt Ion:165 Resp: 57872  
Ion Ratio Lower Upper  
165 100  
63 1.1 41.9 62.9#  
89 1.3 43.2 64.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.606 ng  
RT: 10.098 min Scan# 1362  
Delta R.T. -0.188 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

Tgt Ion:165 Resp: 57872  
Ion Ratio Lower Upper  
165 100  
63 1.1 31.3 46.9#  
89 1.3 54.2 81.4#  
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137862.D

Acq: 09 May 2024 14:12

Instrument :

BNA\_F

ClientSampleId :

PB160815BL

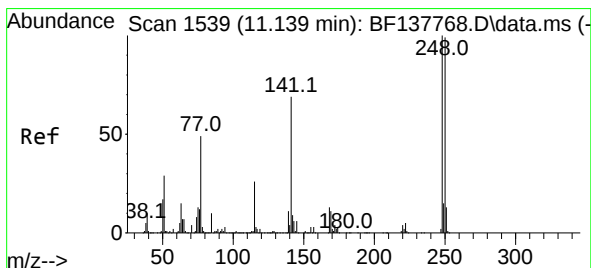
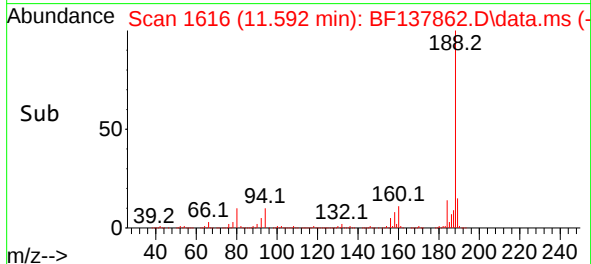
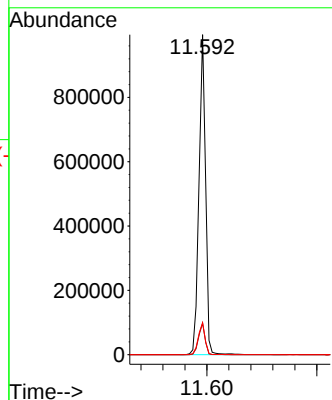
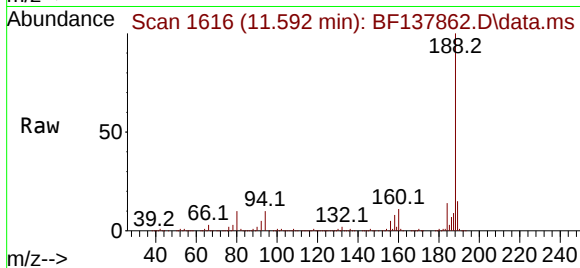
Tgt Ion:188 Resp: 829149

Ion Ratio Lower Upper

188 100

94 9.9 8.8 13.2

80 10.0 9.6 14.4



#67

4-Bromophenyl-phenylether

Concen: 4.521 ng

RT: 10.892 min Scan# 1497

Delta R.T. -0.247 min

Lab File: BF137862.D

Acq: 09 May 2024 14:12

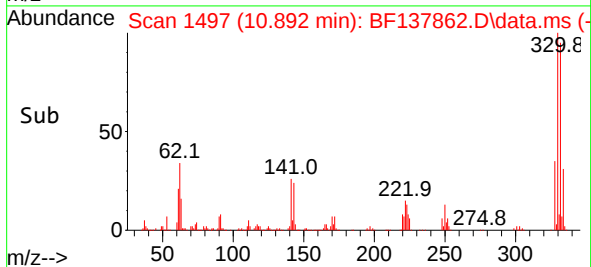
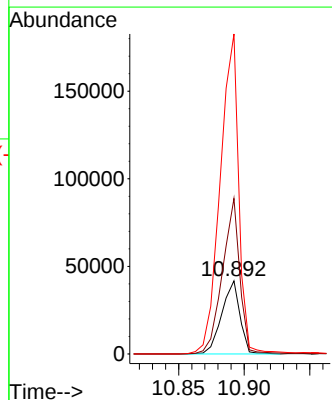
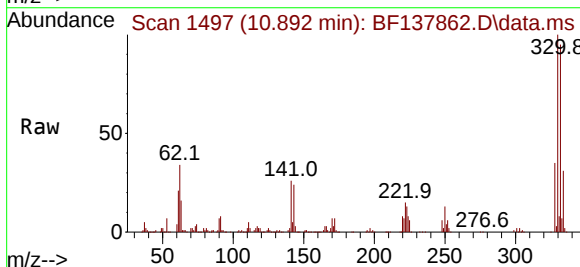
Tgt Ion:248 Resp: 40117

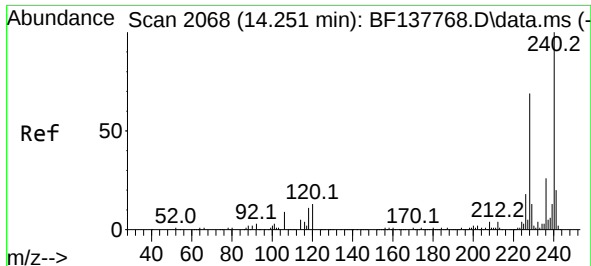
Ion Ratio Lower Upper

248 100

250 212.9 79.1 118.7#

141 438.0 55.4 83.2#

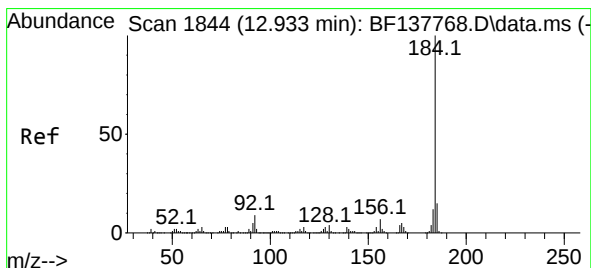
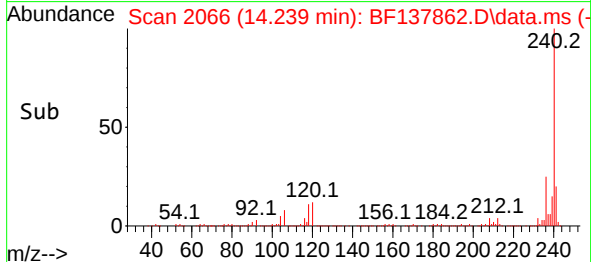
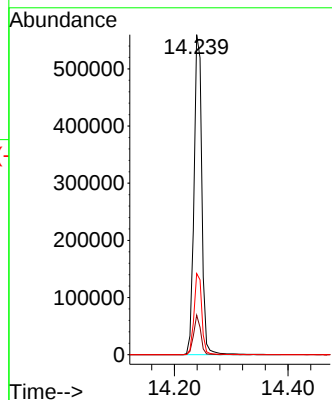
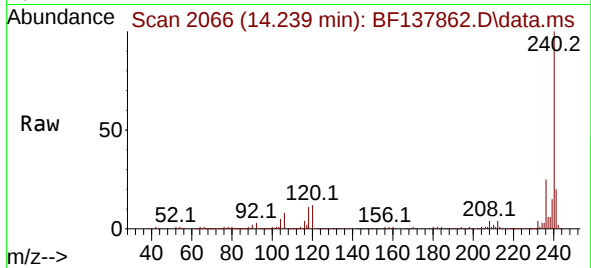




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.239 min Scan# 2066  
Delta R.T. -0.012 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

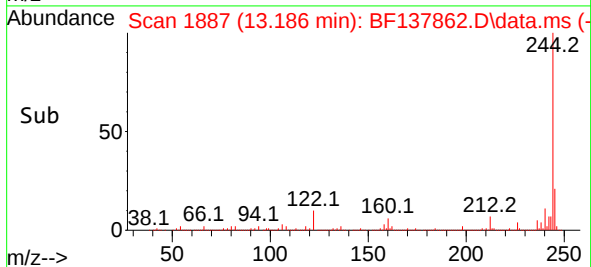
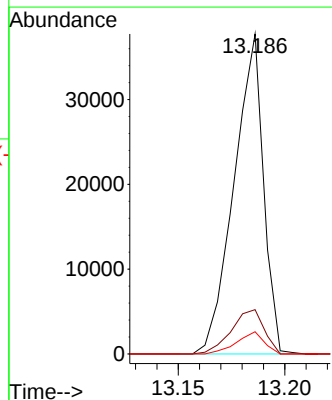
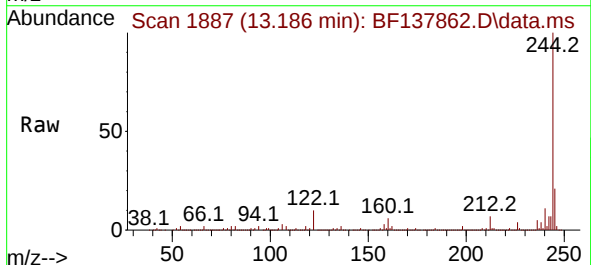
Instrument :  
BNA\_F  
ClientSampleId :  
PB160815BL

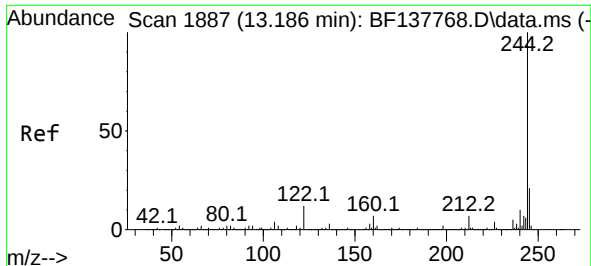
Tgt Ion:240 Resp: 536515  
Ion Ratio Lower Upper  
240 100  
120 12.3 10.4 15.6  
236 25.4 20.4 30.6



#77  
Benzidine  
Concen: 2.922 ng  
RT: 13.186 min Scan# 1887  
Delta R.T. 0.253 min  
Lab File: BF137862.D  
Acq: 09 May 2024 14:12

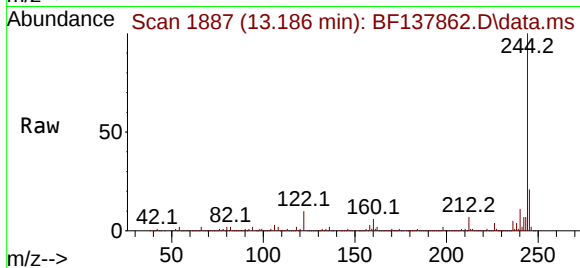
Tgt Ion:184 Resp: 36257  
Ion Ratio Lower Upper  
184 100  
185 13.9 12.3 18.5  
183 7.0 9.2 13.8#





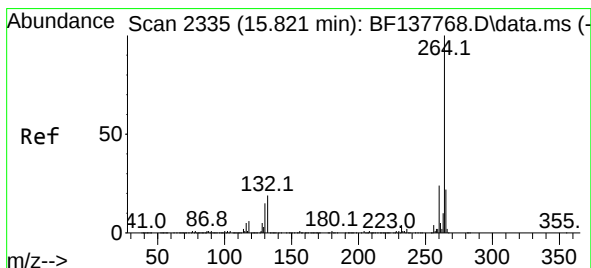
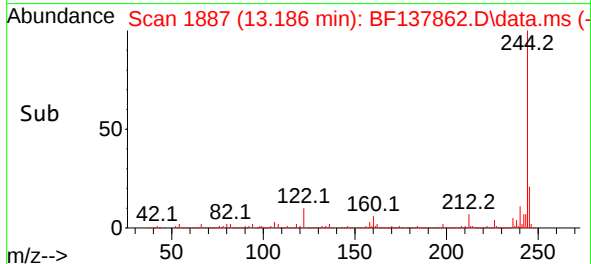
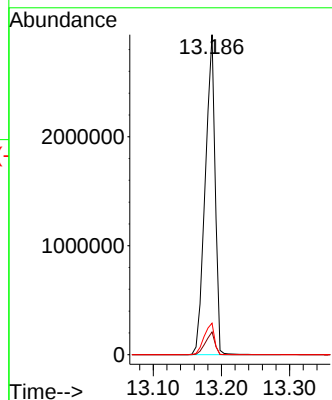
#79  
 Terphenyl-d14  
 Concen: 92.491 ng  
 RT: 13.186 min Scan# 1887  
 Delta R.T. -0.000 min  
 Lab File: BF137862.D  
 Acq: 09 May 2024 14:12

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB160815BL



Tgt Ion:244 Resp: 2961047  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.1   | 5.5   | 8.3   |
| 122 | 9.9   | 9.4   | 14.2  |



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.809 min Scan# 2333  
 Delta R.T. -0.012 min  
 Lab File: BF137862.D  
 Acq: 09 May 2024 14:12

Tgt Ion:264 Resp: 399360  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.2  | 18.9  | 28.3  |
| 265 | 21.3  | 17.4  | 26.0  |

