

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082321\  
 Data File : BF125150.D  
 Acq On : 23 Aug 2021 11:53  
 Operator : JU/CG  
 Sample : PB138593BL  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138593BL

Quant Time: Aug 23 12:38:13 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 23 10:15:49 2021  
 Response via : Initial Calibration

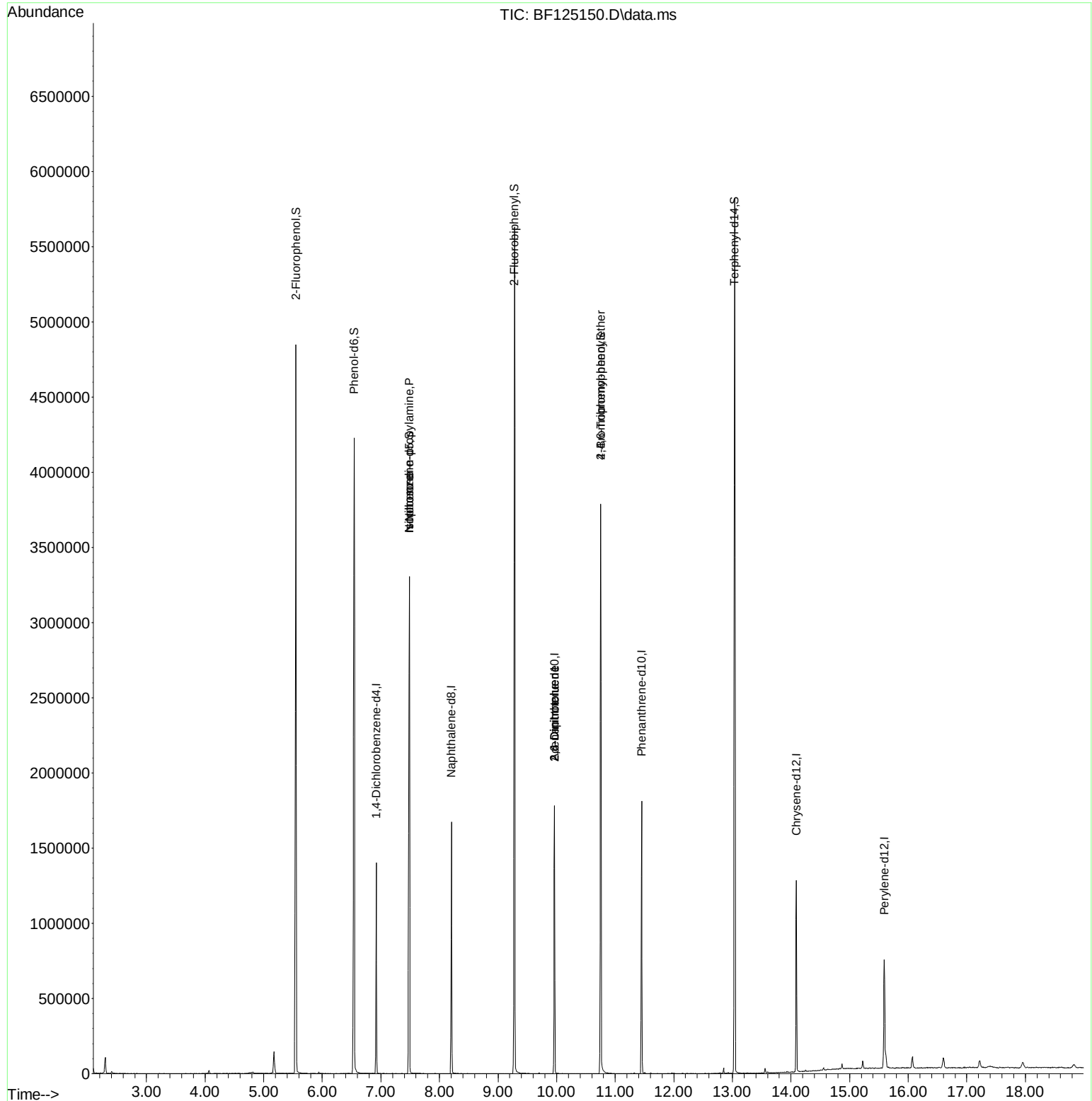
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 178422   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 680564   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.963  | 164  | 355904   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.451 | 188  | 643390   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.092 | 240  | 435566   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.592 | 264  | 344361   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.551  | 112  | 1297941  | 110.108 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.545  | 99   | 1629410  | 106.878 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 1105395  | 81.770  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.751 | 330  | 492183   | 138.537 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.281  | 172  | 1912280  | 74.885  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.039 | 244  | 2145131  | 78.459  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.487  | 70   | 152982   | 16.683  | ng    | # 59     |
| 25) Isophorone                | 7.487  | 82   | 1105377  | 42.387  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.963  | 165  | 46297    | 8.657   | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.963  | 165  | 46297    | 7.153   | ng    | # 20     |
| 67) 4-Bromophenyl-phenylether | 10.751 | 248  | 30033    | 3.887   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

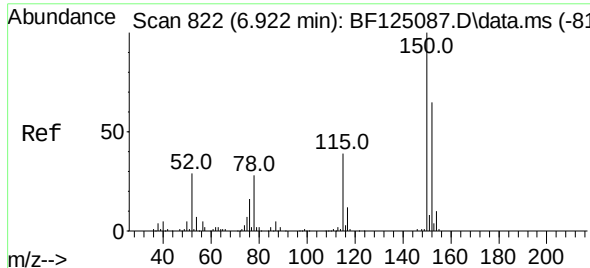
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082321\  
Data File : BF125150.D  
Acq On : 23 Aug 2021 11:53  
Operator : JU/CG  
Sample : PB138593BL  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB138593BL

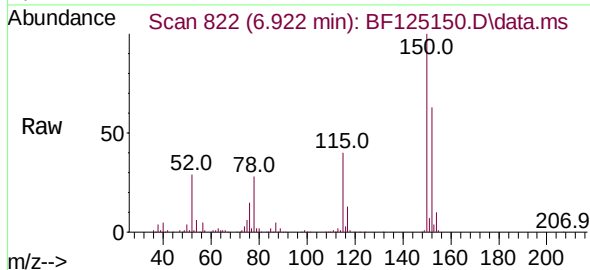
Quant Time: Aug 23 12:38:13 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Aug 23 10:15:49 2021  
Response via : Initial Calibration



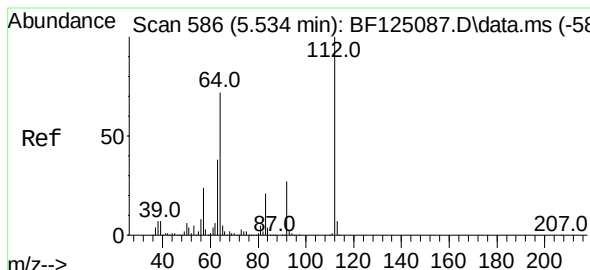
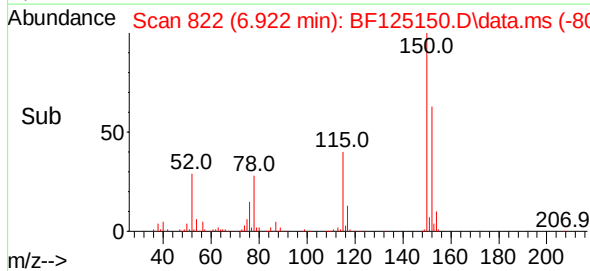
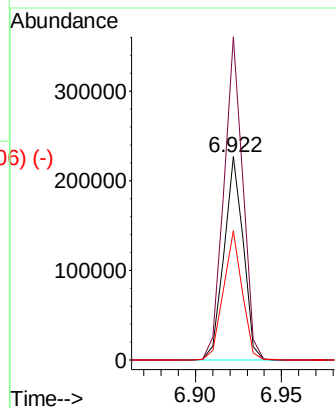


1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.922 min Scan# 822  
 Delta R.T. -0.006 min  
 Lab File: BF125150.D  
 Acq: 23 Aug 2021 11:53

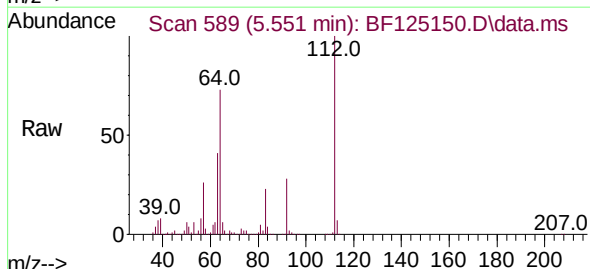
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138593BL



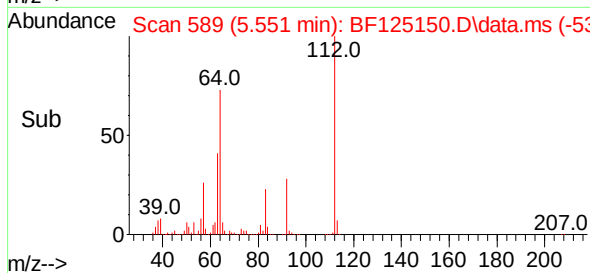
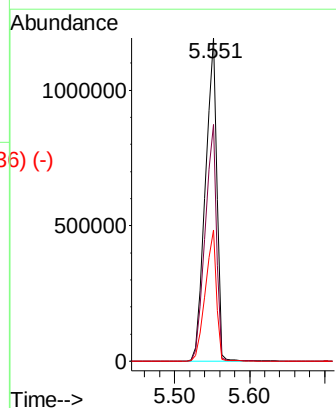
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 158.9 | 117.6 | 176.4 |
| 115     | 63.6  | 47.1  | 70.7  |

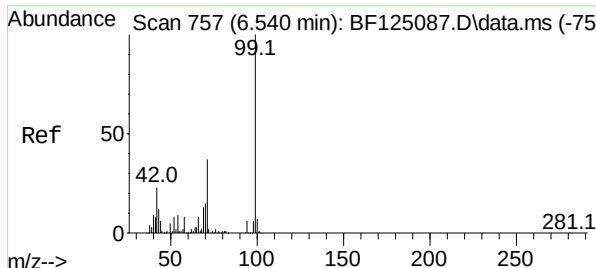


2-Fluorophenol  
 Concen: 110.108 ng  
 RT: 5.551 min Scan# 589  
 Delta R.T. 0.012 min  
 Lab File: BF125150.D  
 Acq: 23 Aug 2021 11:53



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 64      | 73.3  | 44.2  | 66.2# |
| 63      | 40.6  | 26.2  | 39.2# |

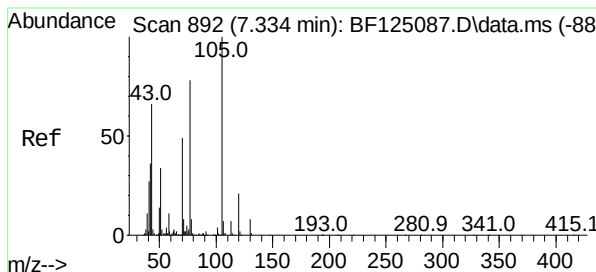
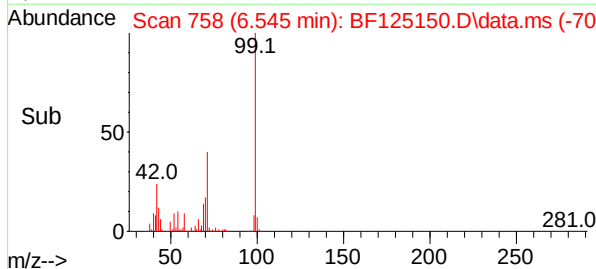
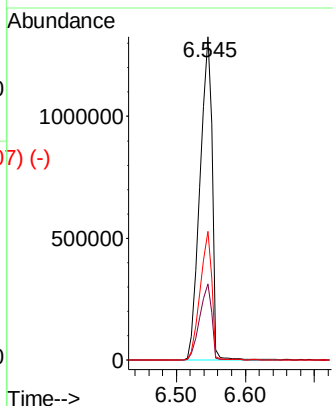
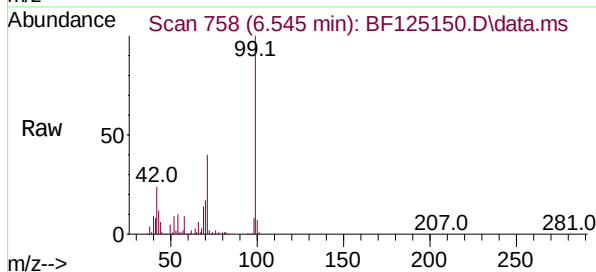




Phenol-d6  
 Concen: 106.878 ng  
 RT: 6.545 min Scan# 758  
 Delta R.T. 0.000 min  
 Lab File: BF125150.D  
 Acq: 23 Aug 2021 11:53

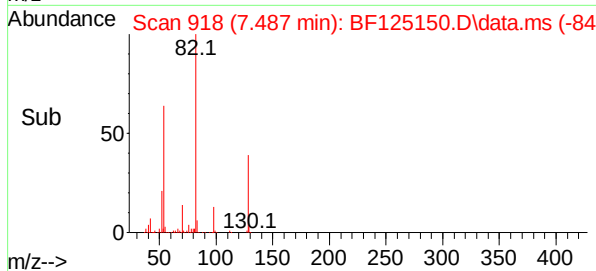
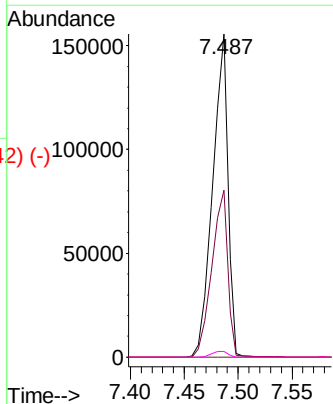
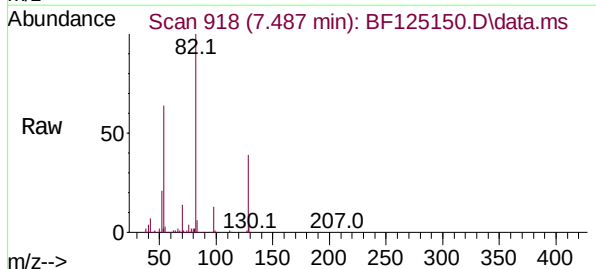
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB138593BL

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 99    | Resp: | 1629410 |
| Ion      | Ratio | Lower | Upper   |
| 99       | 100   |       |         |
| 42       | 23.6  | 23.5  | 35.3    |
| 71       | 39.8  | 25.6  | 38.4#   |



n-Nitroso-di-n-propylamine  
 Concen: 16.683 ng  
 RT: 7.487 min Scan# 918  
 Delta R.T. 0.147 min  
 Lab File: BF125150.D  
 Acq: 23 Aug 2021 11:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 152982 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 51.8  | 72.2  | 108.2# |
| 101      | 0.0   | 7.8   | 11.8#  |
| 130      | 1.9   | 21.8  | 32.6#  |



Abundance Scan 1040 (8.204 min): BF125087.D\data.ms (-10321)

Naphthalene-d8

Concen: 20.000 ng

RT: 8.204 min Scan# 1040

Delta R.T. -0.006 min

Lab File: BF125150.D

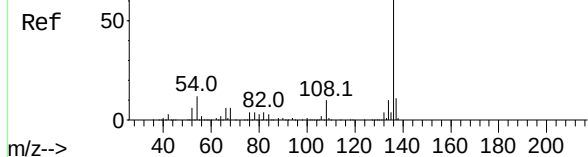
Acq: 23 Aug 2021 11:53

Instrument :

BNA\_F

ClientSampleId :

PB138593BL



Tgt Ion:136 Resp: 680564

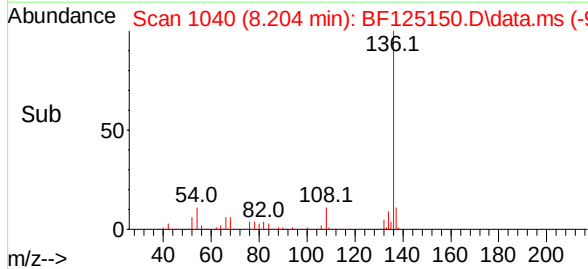
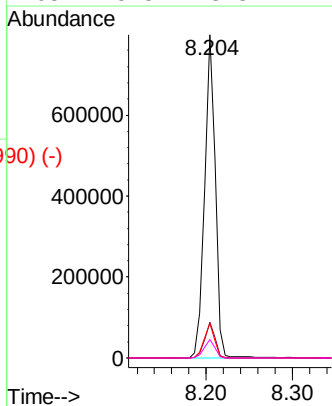
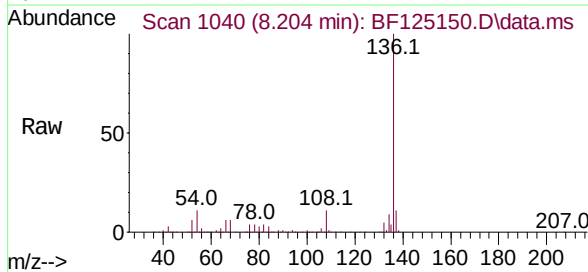
Ion Ratio Lower Upper

136 100

137 11.0 9.8 14.6

54 10.7 6.4 9.6#

68 5.8 3.3 4.9#



Abundance Scan 918 (7.487 min): BF125087.D\data.ms (-912#23)

Nitrobenzene-d5

Concen: 81.770 ng

RT: 7.487 min Scan# 918

Delta R.T. 0.000 min

Lab File: BF125150.D

Acq: 23 Aug 2021 11:53

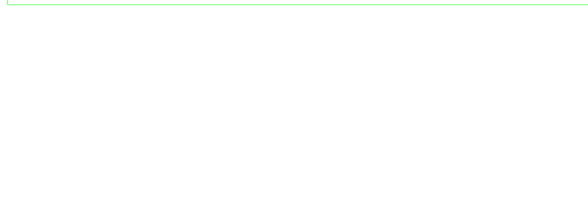
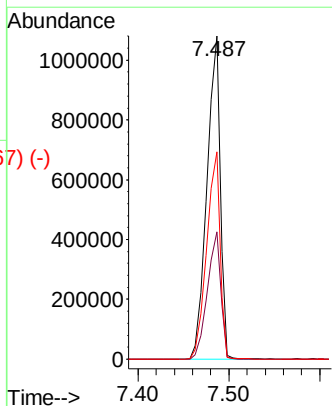
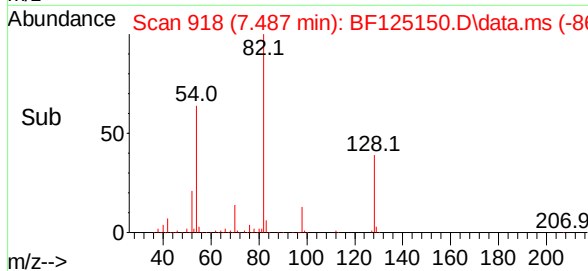
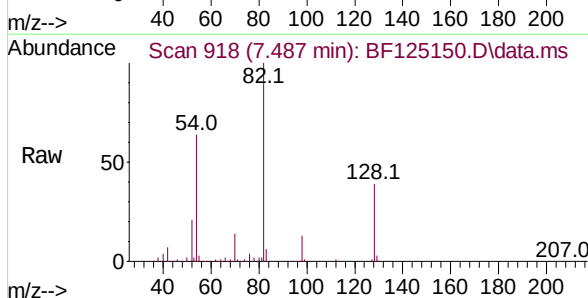
Tgt Ion: 82 Resp: 1105395

Ion Ratio Lower Upper

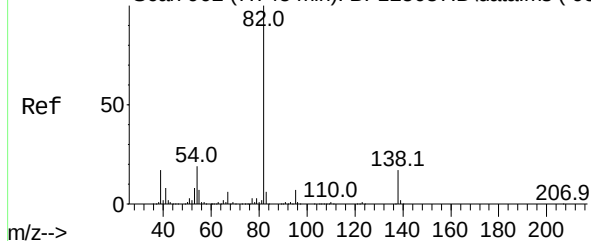
82 100

128 39.4 40.6 60.8#

54 64.2 49.6 74.4



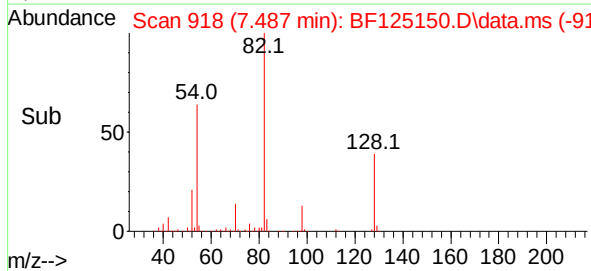
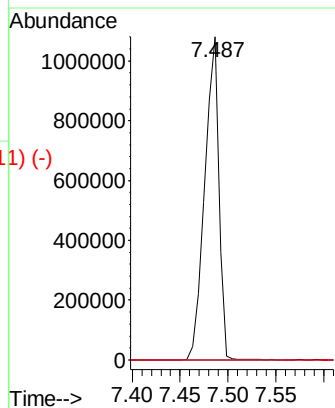
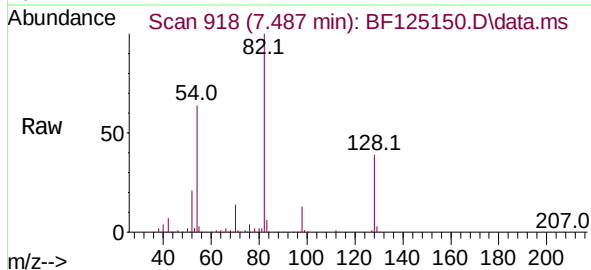
Abundance Scan 962 (7.745 min): BF125087.D\data.ms (-955) #25



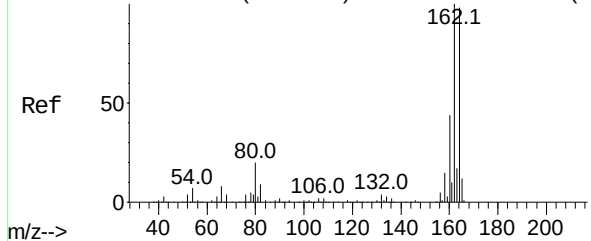
Isophorone  
Concen: 42.387 ng  
RT: 7.487 min Scan# 918  
Delta R.T. -0.259 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB138593BL

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1105377 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 95       | 0.0   | 6.5   | 9.7#    |
| 138      | 0.0   | 18.4  | 27.6#   |

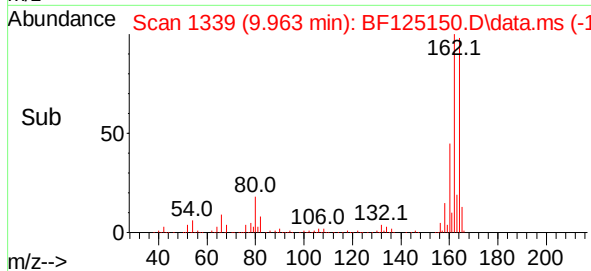
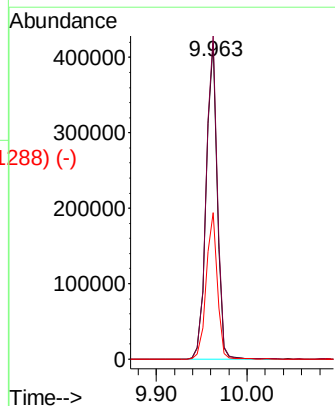
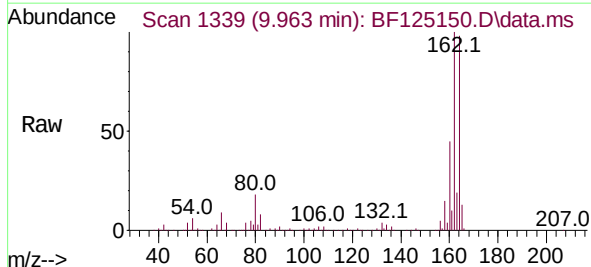


Abundance Scan 1339 (9.963 min): BF125087.D\data.ms (-1339) #39



Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.000 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

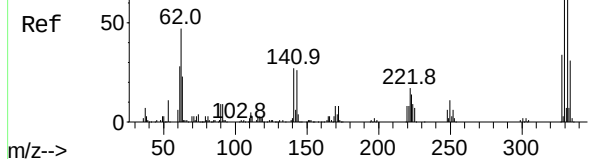
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 164   | Resp: | 355904 |
| Ion      | Ratio | Lower | Upper  |
| 164      | 100   |       |        |
| 162      | 102.2 | 81.3  | 121.9  |
| 160      | 46.3  | 38.0  | 57.0   |



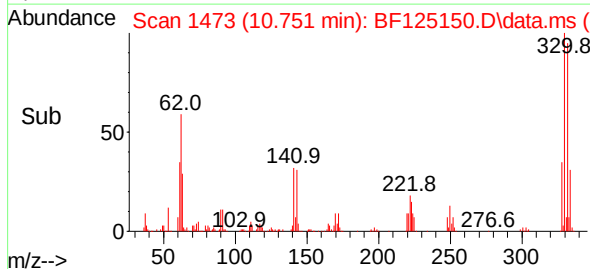
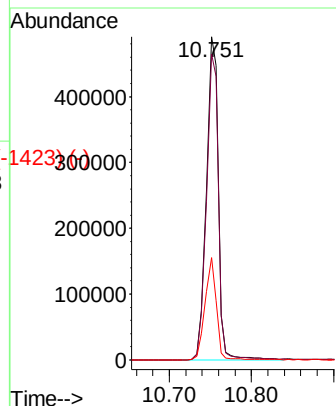
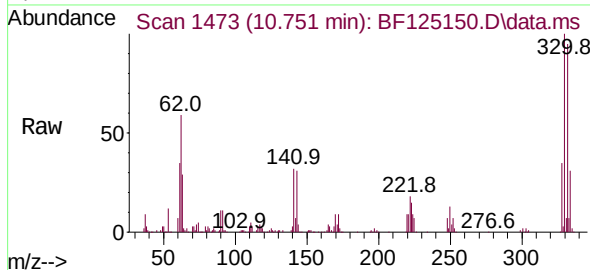
Abundance Scan 1473 (10.751 min): BF125087.D\data.ms (-1423) (-)

2,4,6-Tribromophenol  
Concen: 138.537 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. -0.006 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB138593BL

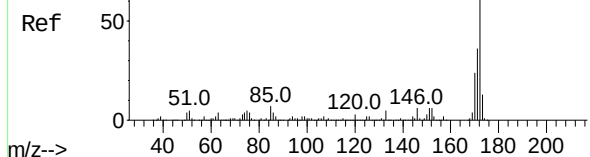


|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 492183 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 95.7  | 76.2  | 114.4  |
| 141      | 30.2  | 44.6  | 66.8#  |

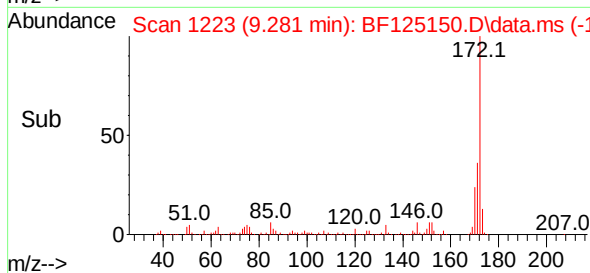
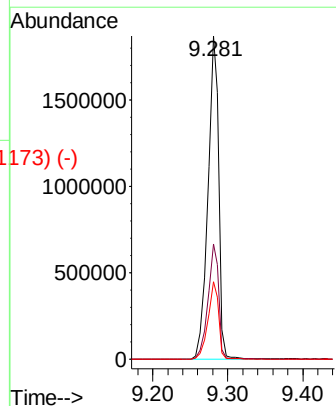
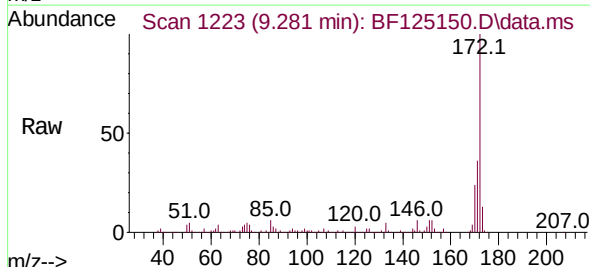


Abundance Scan 1223 (9.281 min): BF125087.D\data.ms (-1173) (-)

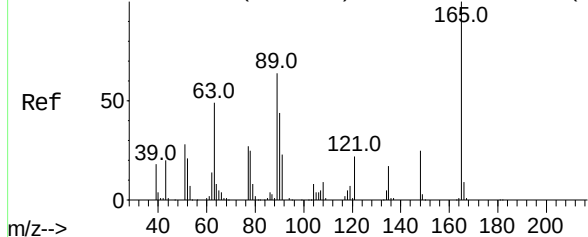
2-Fluorobiphenyl  
Concen: 74.885 ng  
RT: 9.281 min Scan# 1223  
Delta R.T. -0.006 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53



|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1912280 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 35.7  | 26.5  | 39.7    |
| 170      | 24.0  | 18.8  | 28.2    |



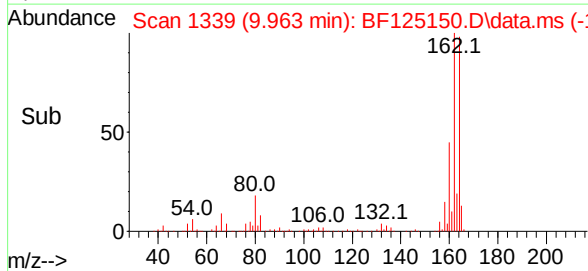
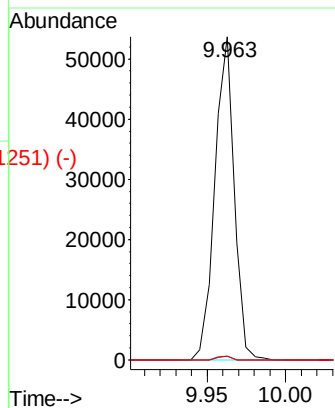
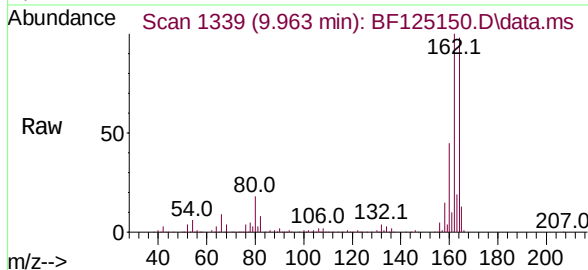
Abundance Scan 1301 (9.739 min): BF125087.D\data.ms (-1251)



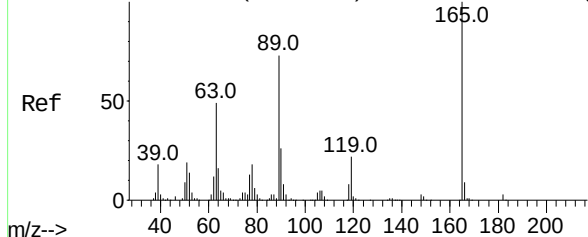
2,6-Dinitrotoluene  
Concen: 8.657 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. 0.218 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB138593BL

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.2   | 42.6  | 63.8# |
| 89      | 1.2   | 40.6  | 60.8# |

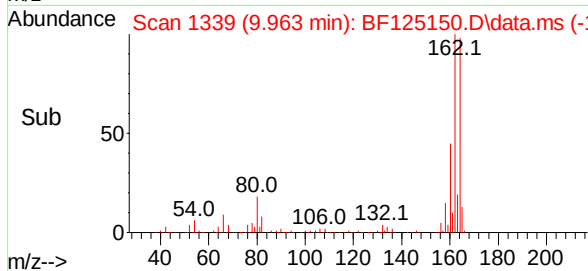
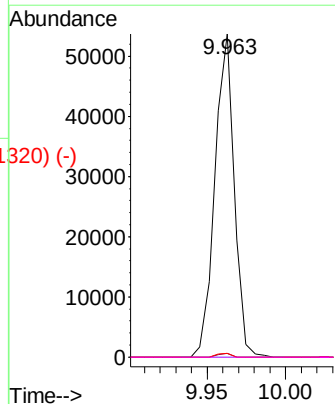
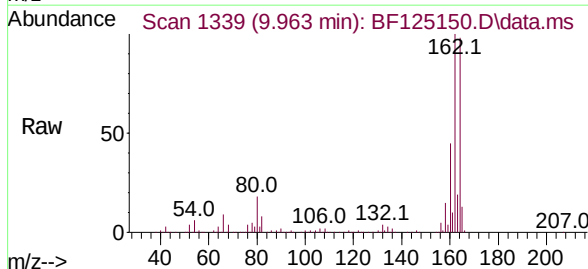


Abundance Scan 1370 (10.145 min): BF125087.D\data.ms (-1357)



2,4-Dinitrotoluene  
Concen: 7.153 ng  
RT: 9.963 min Scan# 1339  
Delta R.T. -0.188 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.2   | 40.9  | 61.3# |
| 89      | 1.2   | 59.7  | 89.5# |
| 182     | 0.0   | 0.0   | 0.0   |

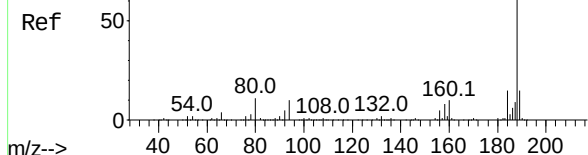




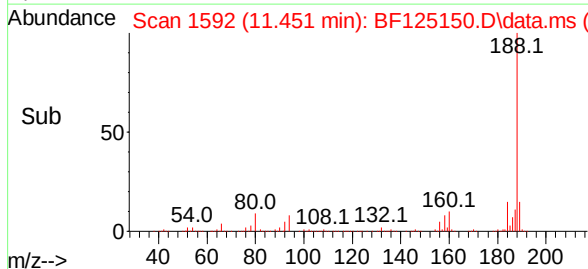
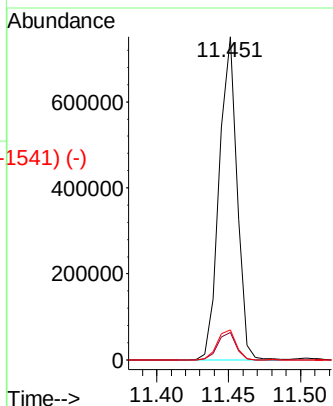
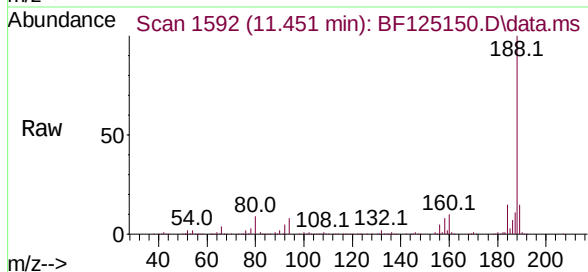
Abundance Scan 1591 (11.445 min): BF125087.D\data.ms (-1541) (-)

Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.451 min Scan# 1592  
Delta R.T. 0.000 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB138593BL

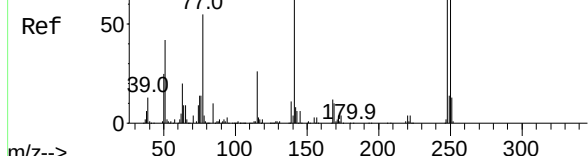


|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 643390 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 8.5   | 6.7   | 10.1   |
| 80        | 9.3   | 7.5   | 11.3   |

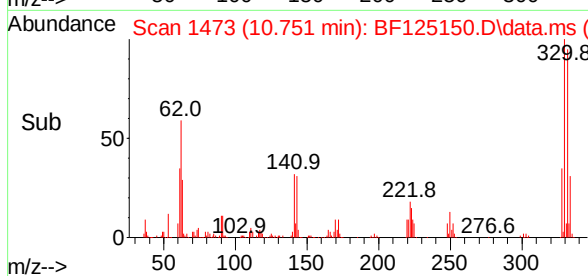
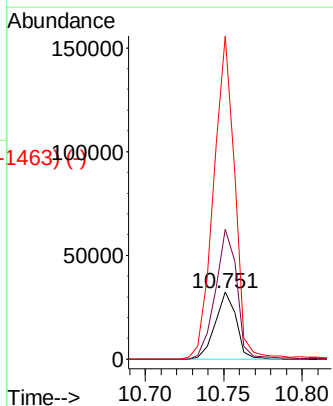
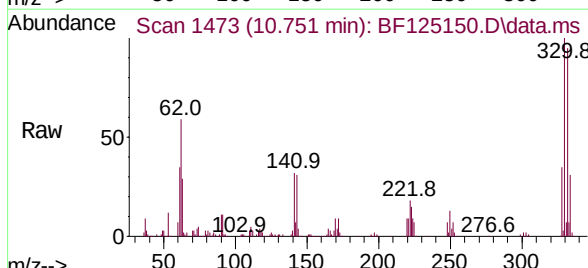


Abundance Scan 1514 (10.992 min): BF125087.D\data.ms (-1541) (-)

4-Bromophenyl-phenylether  
Concen: 3.887 ng  
RT: 10.751 min Scan# 1473  
Delta R.T. -0.241 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53



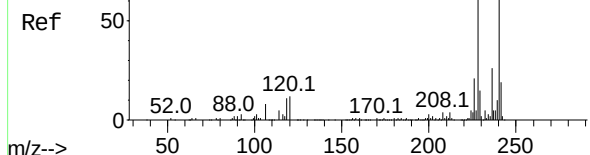
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 248   | Resp: | 30033  |
| Ion Ratio | Lower | Upper |        |
| 248       | 100   |       |        |
| 250       | 194.1 | 74.2  | 111.4# |
| 141       | 482.1 | 60.4  | 90.6#  |



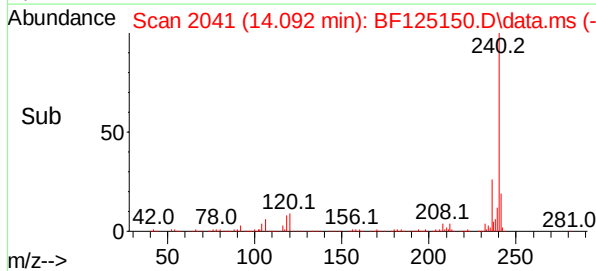
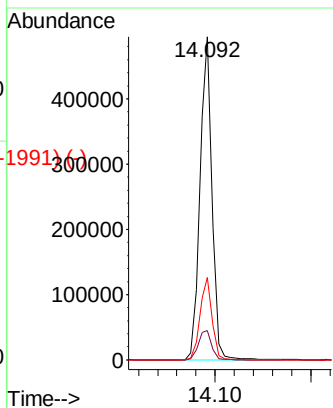
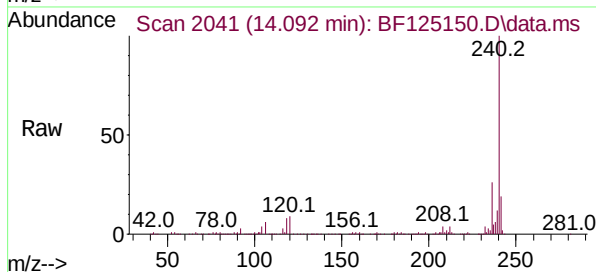
Abundance Scan 2040 (14.086 min): BF125087.D\data.ms (-1875) (-)

Chrysene-d12  
Concen: 20.000 ng  
RT: 14.092 min Scan# 2041  
Delta R.T. -0.006 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB138593BL

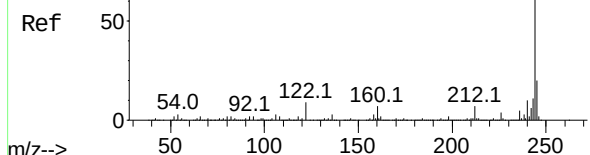


| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.2   | 10.8  | 16.2# |
| 236     | 25.6  | 21.6  | 32.4  |

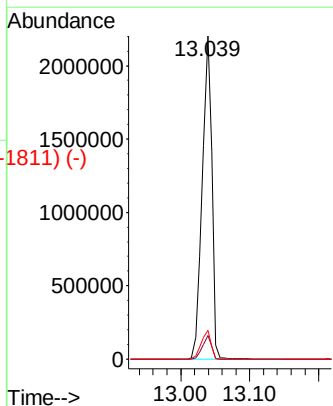
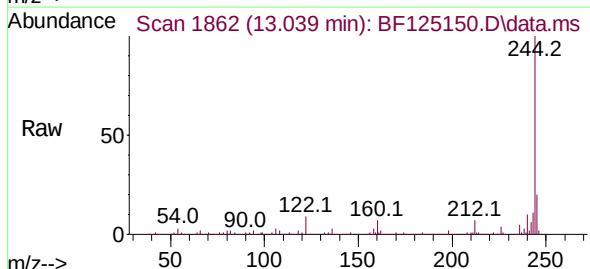


Abundance Scan 1861 (13.033 min): BF125087.D\data.ms (-1875) (-)

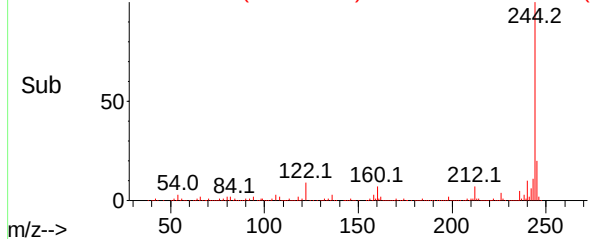
Terphenyl-d14  
Concen: 78.459 ng  
RT: 13.039 min Scan# 1862  
Delta R.T. 0.000 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53



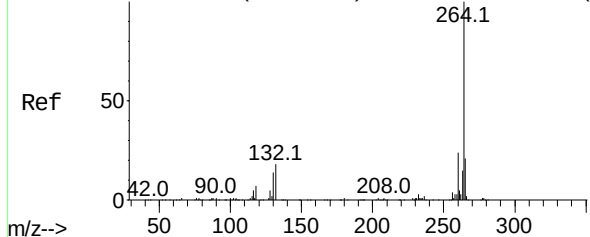
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.2   | 5.9   | 8.9   |
| 122     | 8.9   | 9.0   | 13.4# |



Abundance Scan 1862 (13.039 min): BF125150.D\data.ms (-1811) (-)



Abundance Scan 2294 (15.580 min): BF125087.D\data.ms (-2246) (-)



Perylene-d12  
Concen: 20.000 ng  
RT: 15.592 min Scan# 2296  
Delta R.T. -0.006 min  
Lab File: BF125150.D  
Acq: 23 Aug 2021 11:53

Instrument :  
BNA\_F  
ClientSampleId :  
PB138593BL

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 264   | Resp: | 344361 |
| Ion      | Ratio | Lower | Upper  |
| 264      | 100   |       |        |
| 260      | 24.8  | 19.6  | 29.4   |
| 265      | 21.4  | 17.2  | 25.8   |

