

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082021\  
 Data File : BF125130.D  
 Acq On : 20 Aug 2021 12:36  
 Operator : JU/CG  
 Sample : M3449-21  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 CON-2

Quant Time: Aug 20 13:05:36 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Aug 18 17:03:50 2021  
 Response via : Initial Calibration

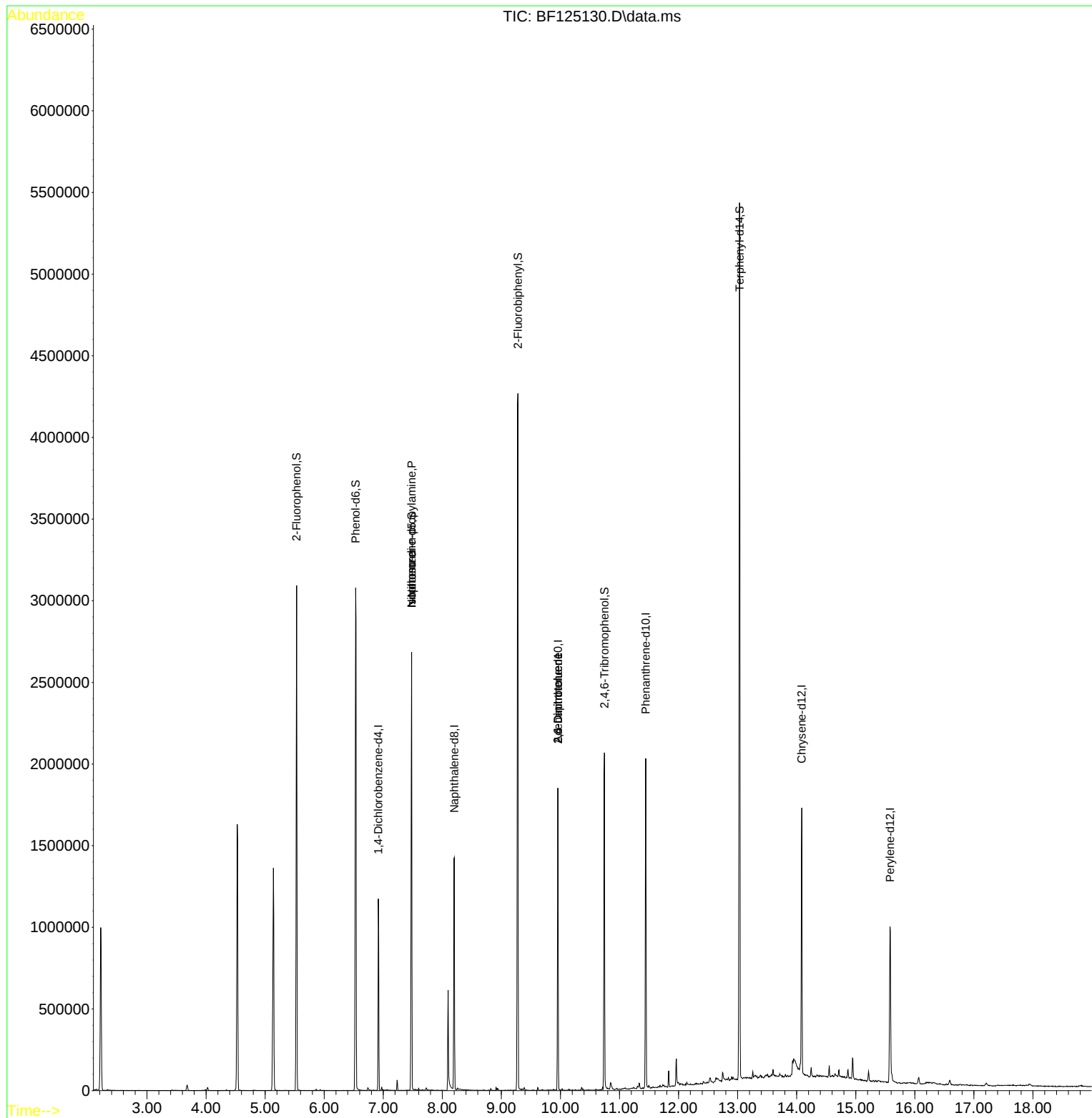
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 158988   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.204  | 136  | 632569   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.957  | 164  | 343108   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.445 | 188  | 670769   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12              | 14.086 | 240  | 563499   | 20.000 | ng    | # 0.00   |
| 86) Perylene-d12              | 15.580 | 264  | 467603   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.534  | 112  | 730538   | 69.549 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 1101237  | 81.063 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.481  | 82   | 786332   | 62.582 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.745 | 330  | 244585   | 71.412 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.280  | 172  | 1442979  | 58.615 | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.033 | 244  | 1985723  | 56.139 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.481  | 70   | 105092   | 12.861 | ng    | # 60     |
| 25) Isophorone                | 7.481  | 82   | 781988   | 32.261 | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.957  | 165  | 43585    | 8.454  | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.957  | 165  | 43585    | 6.985  | ng    | # 19     |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082021\  
Data File : BF125130.D  
Acq On : 20 Aug 2021 12:36  
Operator : JU/CG  
Sample : M3449-21  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
CON-2

Quant Time: Aug 20 13:05:36 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Aug 18 17:03:50 2021  
Response via : Initial Calibration

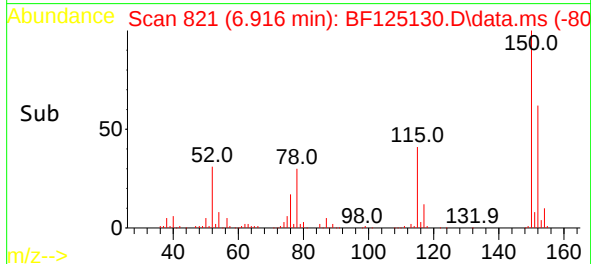
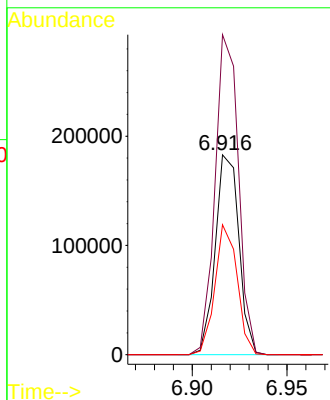
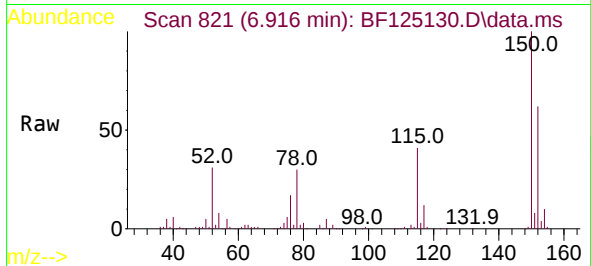




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.006 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

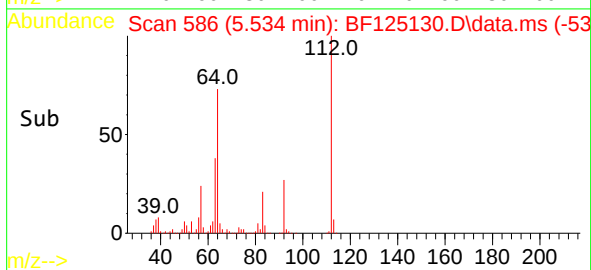
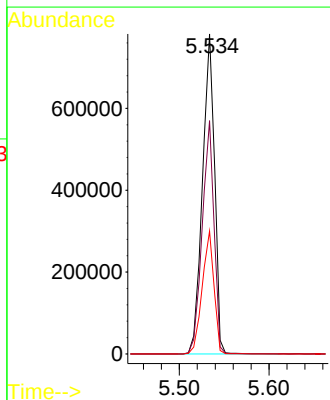
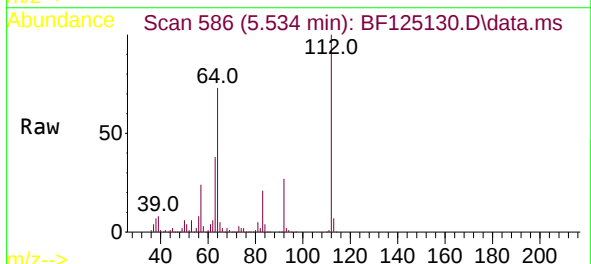
Instrument :  
BNA\_F  
ClientSampleId :  
CON-2

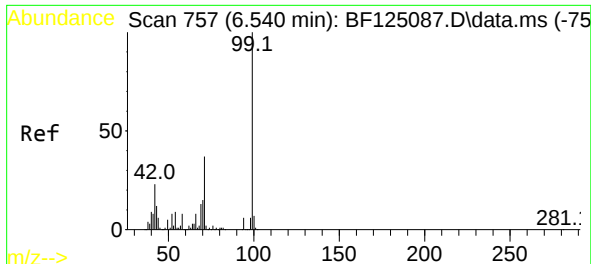
Tgt Ion:152 Resp: 158988  
Ion Ratio Lower Upper  
152 100  
150 160.2 117.6 176.4  
115 65.0 47.1 70.7



#5  
2-Fluorophenol  
Concen: 69.549 ng  
RT: 5.534 min Scan# 586  
Delta R.T. -0.000 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Tgt Ion:112 Resp: 730538  
Ion Ratio Lower Upper  
112 100  
64 72.9 44.2 66.2#  
63 38.4 26.2 39.2

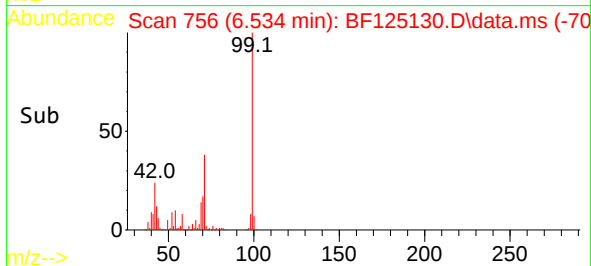
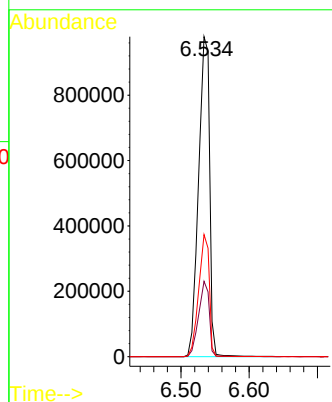
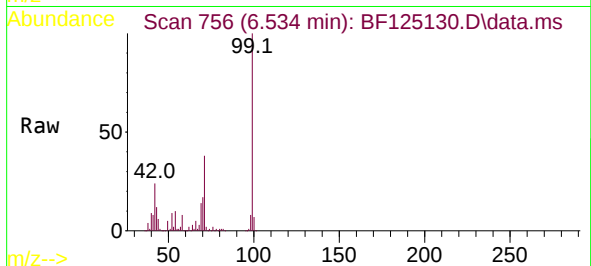




#7  
Phenol-d6  
Concen: 81.063 ng  
RT: 6.534 min Scan# 756  
Delta R.T. -0.006 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

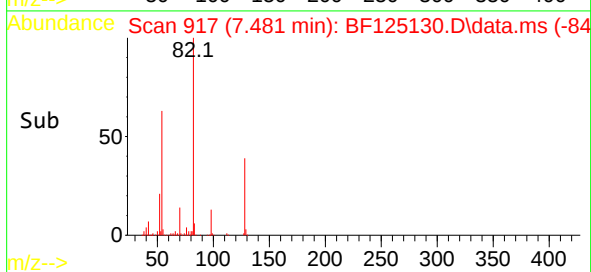
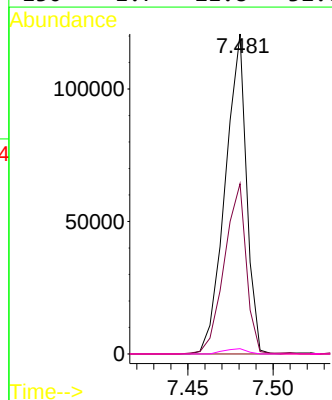
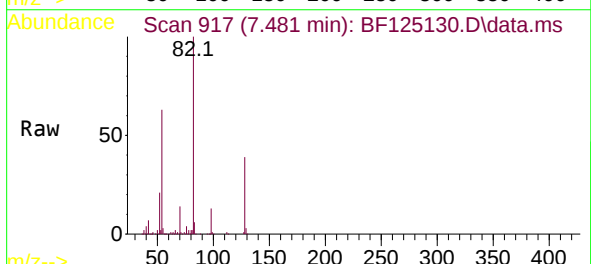
Instrument :  
BNA\_F  
ClientSampleId :  
CON-2

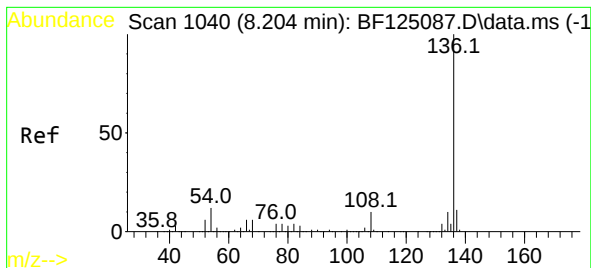
Tgt Ion: 99 Resp: 1101237  
Ion Ratio Lower Upper  
99 100  
42 23.5 23.5 35.3  
71 38.2 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.861 ng  
RT: 7.481 min Scan# 917  
Delta R.T. 0.147 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Tgt Ion: 70 Resp: 105092  
Ion Ratio Lower Upper  
70 100  
42 53.2 72.2 108.2#  
101 0.0 7.8 11.8#  
130 1.7 21.8 32.6#

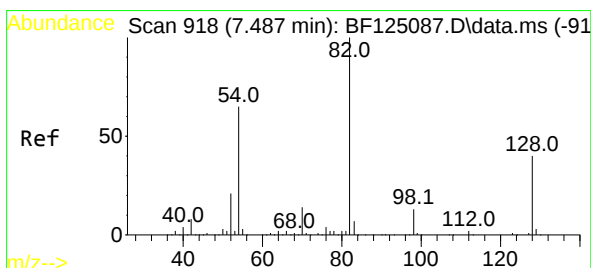
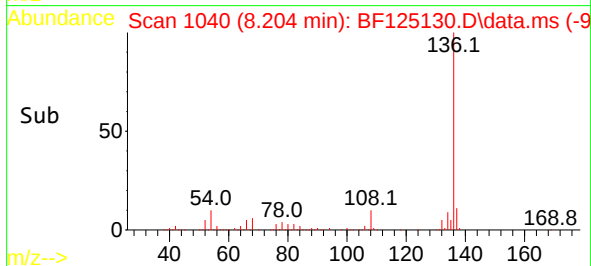
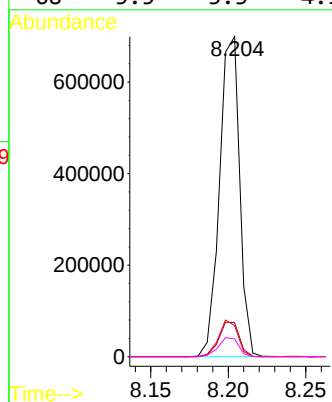
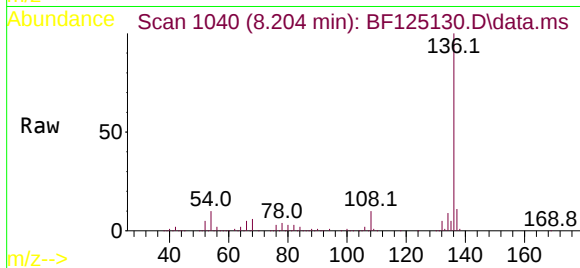




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1040  
Delta R.T. -0.000 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

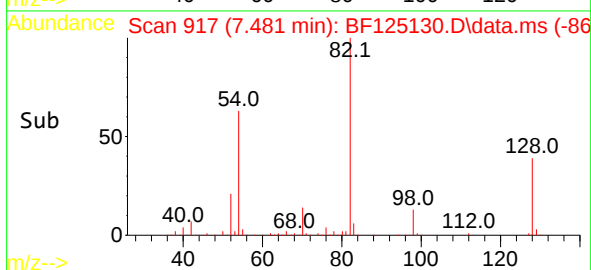
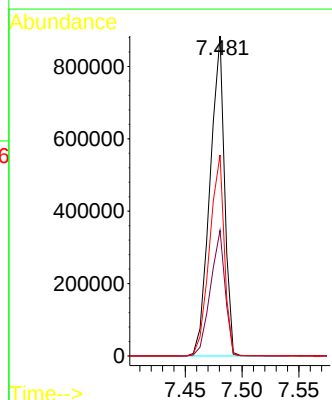
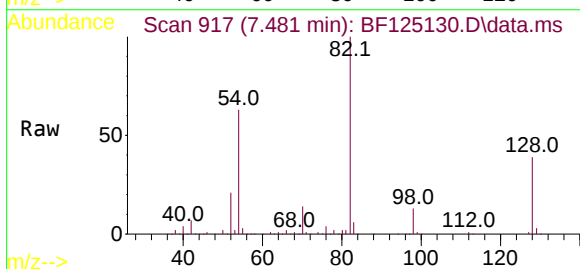
Instrument :  
BNA\_F  
ClientSampleId :  
CON-2

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 632569 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 9.8   | 14.6   |
| 54       | 9.7   | 6.4   | 9.6#   |
| 68       | 5.5   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 62.582 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.006 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 786332 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 39.3  | 40.6  | 60.8#  |
| 54       | 62.8  | 49.6  | 74.4   |

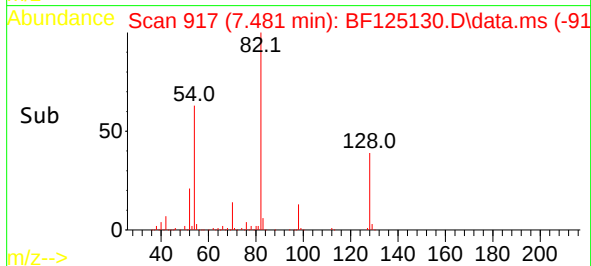
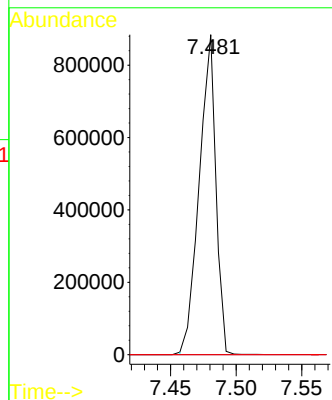
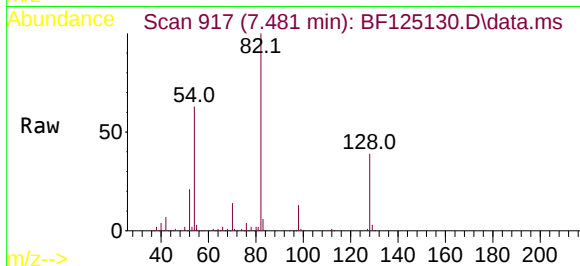




#25  
Isophorone  
Concen: 32.261 ng  
RT: 7.481 min Scan# 917  
Delta R.T. -0.265 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

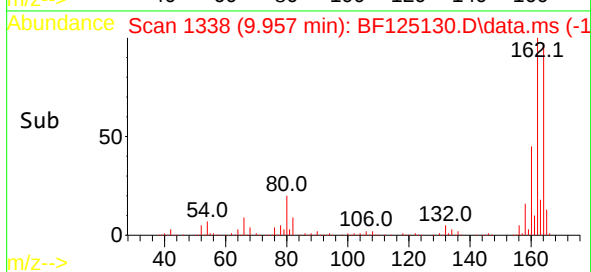
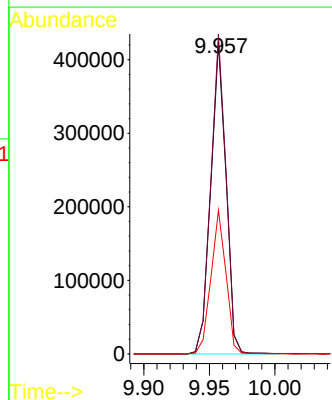
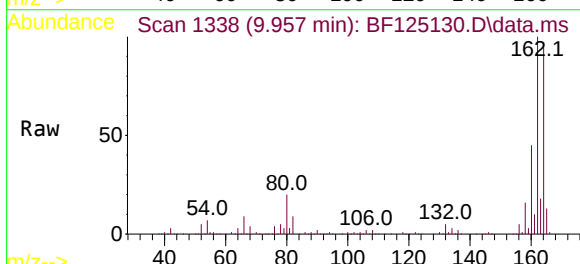
Instrument :  
BNA\_F  
ClientSampleId :  
CON-2

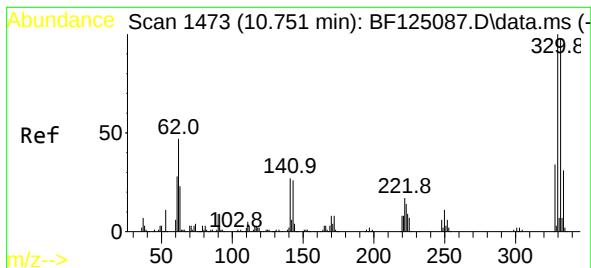
Tgt Ion: 82 Resp: 781988  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.006 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Tgt Ion: 164 Resp: 343108  
Ion Ratio Lower Upper  
164 100  
162 102.9 81.3 121.9  
160 46.2 38.0 57.0

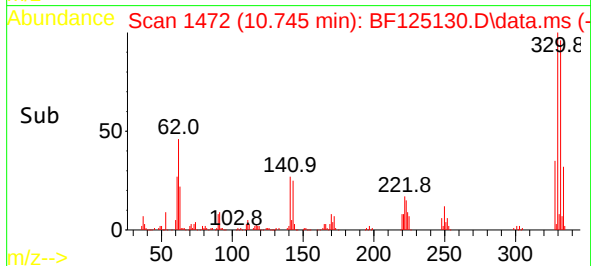
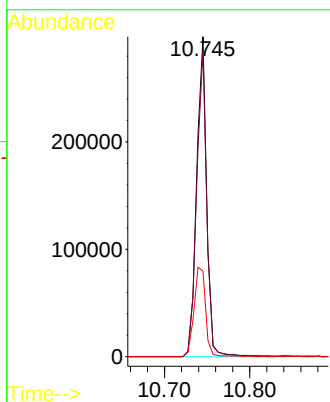
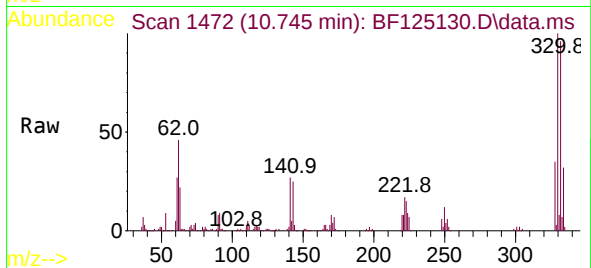




#42  
2,4,6-Tribromophenol  
Concen: 71.412 ng  
RT: 10.745 min Scan# 1472  
Delta R.T. -0.006 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

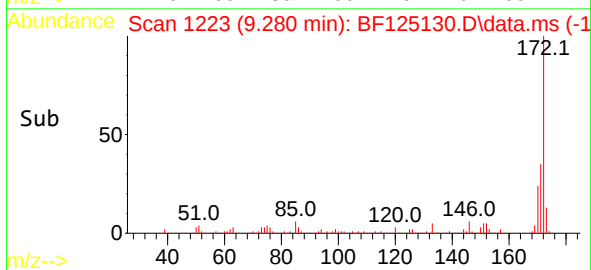
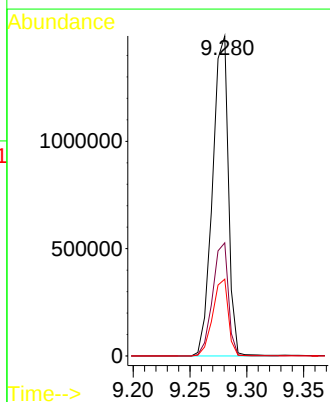
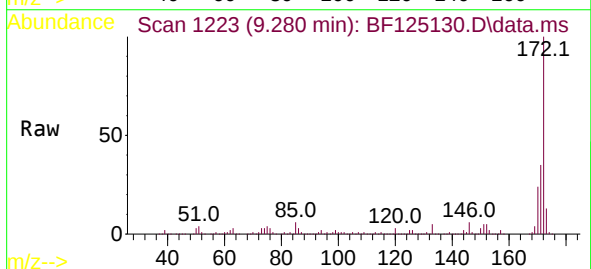
Instrument :  
BNA\_F  
ClientSampleId :  
CON-2

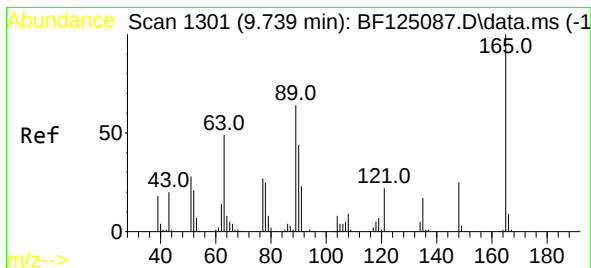
Tgt Ion: 330 Resp: 244585  
Ion Ratio Lower Upper  
330 100  
332 95.8 76.2 114.4  
141 32.3 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 58.615 ng  
RT: 9.280 min Scan# 1223  
Delta R.T. -0.000 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Tgt Ion: 172 Resp: 1442979  
Ion Ratio Lower Upper  
172 100  
171 35.4 26.5 39.7  
170 24.0 18.8 28.2

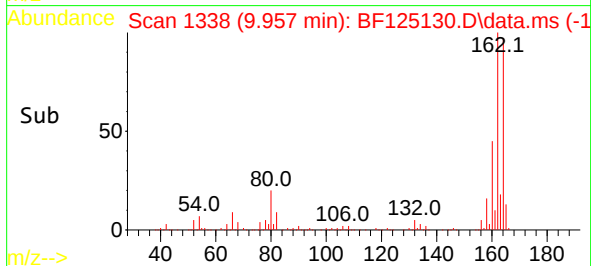
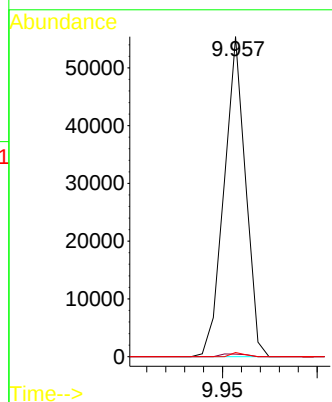
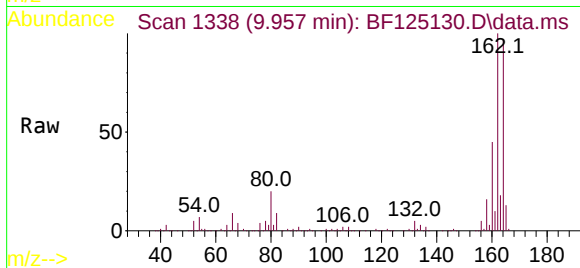




#51  
2,6-Dinitrotoluene  
Concen: 8.454 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. 0.218 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

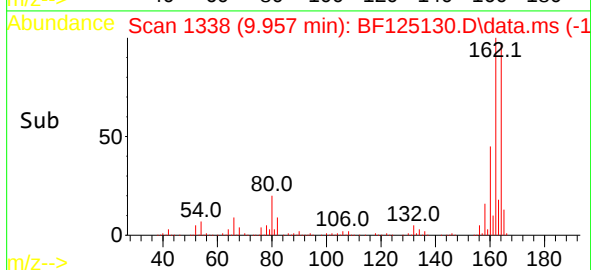
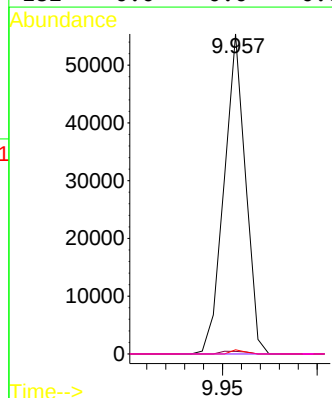
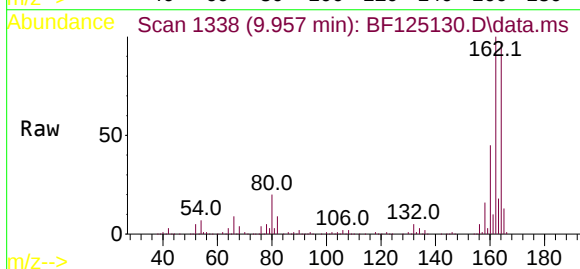
Instrument :  
BNA\_F  
ClientSampled :  
CON-2

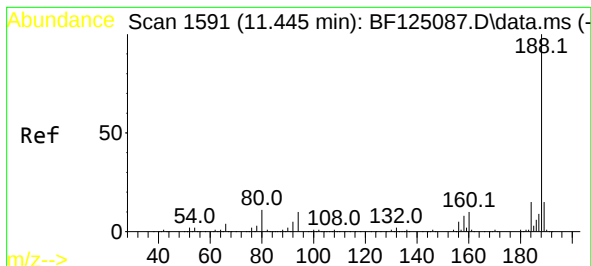
Tgt Ion:165 Resp: 43585  
Ion Ratio Lower Upper  
165 100  
63 0.8 42.6 63.8#  
89 1.3 40.6 60.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.985 ng  
RT: 9.957 min Scan# 1338  
Delta R.T. -0.188 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Tgt Ion:165 Resp: 43585  
Ion Ratio Lower Upper  
165 100  
63 0.8 40.9 61.3#  
89 1.3 59.7 89.5#  
182 0.0 0.0 0.0

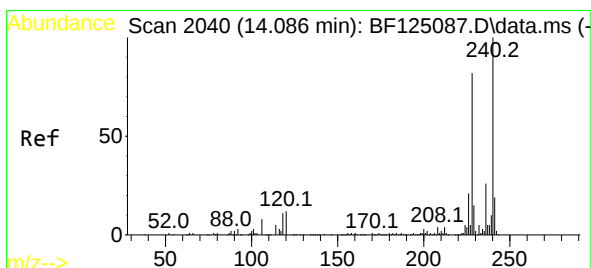
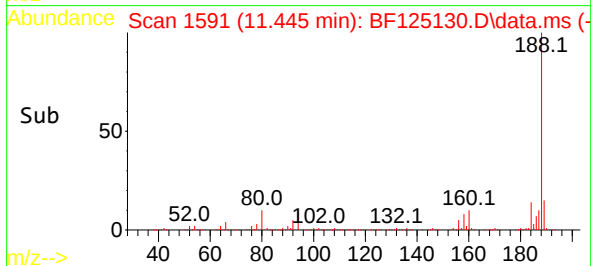
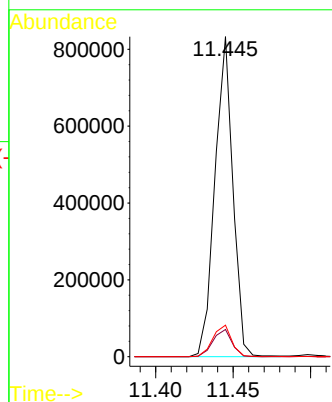
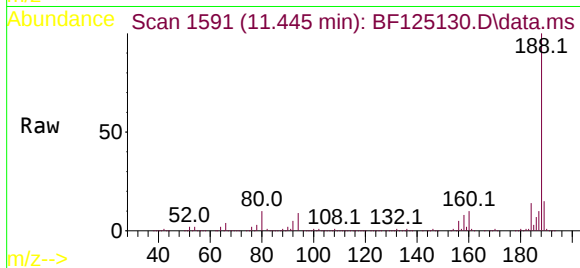




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.445 min Scan# 1591  
Delta R.T. 0.000 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

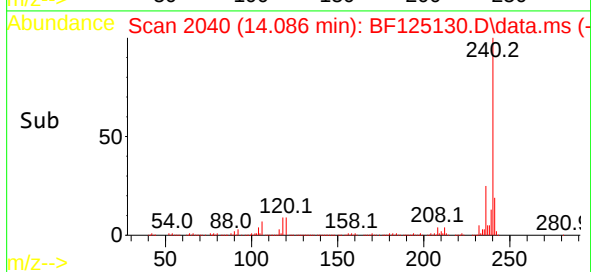
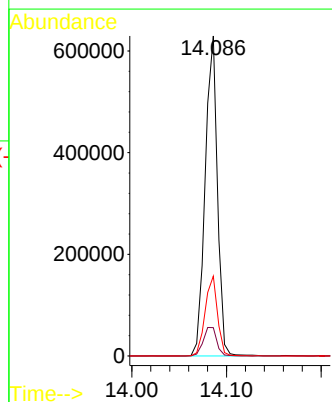
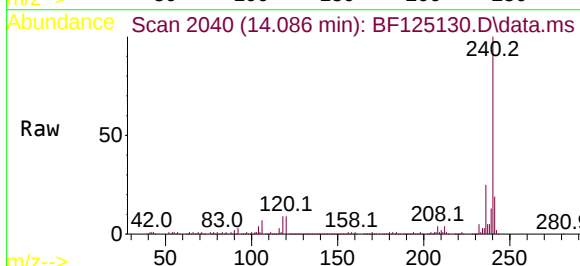
Instrument :  
BNA\_F  
ClientSampled :  
CON-2

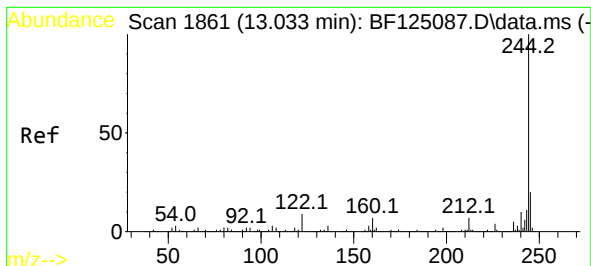
Tgt Ion:188 Resp: 670769  
Ion Ratio Lower Upper  
188 100  
94 8.5 6.7 10.1  
80 9.9 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.086 min Scan# 2040  
Delta R.T. -0.000 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Tgt Ion:240 Resp: 563499  
Ion Ratio Lower Upper  
240 100  
120 8.8 10.8 16.2#  
236 25.0 21.6 32.4

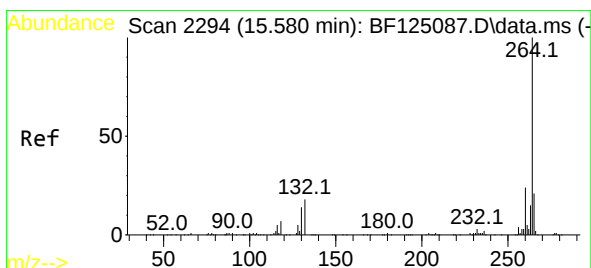
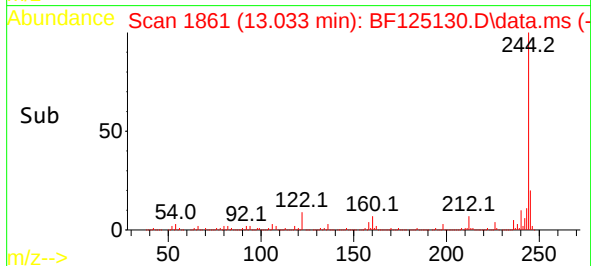
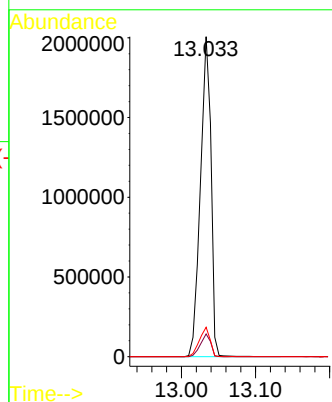
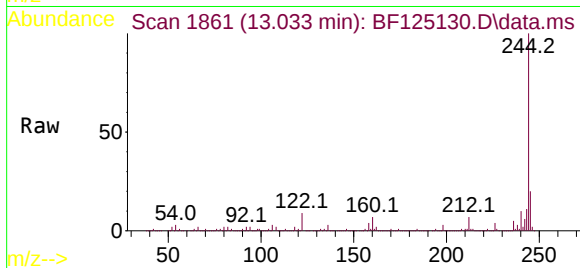




#79  
Terphenyl-d14  
Concen: 56.139 ng  
RT: 13.033 min Scan# 1861  
Delta R.T. -0.000 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Instrument :  
BNA\_F  
ClientSampleId :  
CON-2

Tgt Ion:244 Resp: 1985723  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 9.2 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.580 min Scan# 2294  
Delta R.T. -0.000 min  
Lab File: BF125130.D  
Acq: 20 Aug 2021 12:36

Tgt Ion:264 Resp: 467603  
Ion Ratio Lower Upper  
264 100  
260 24.5 19.6 29.4  
265 21.9 17.2 25.8

