

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082621\  
 Data File : BF125241.D  
 Acq On : 27 Aug 2021 00:03  
 Operator : JU/CG  
 Sample : M3547-01  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-1

Quant Time: Aug 27 05:05:26 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF081821.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 24 12:39:21 2021  
 Response via : Initial Calibration

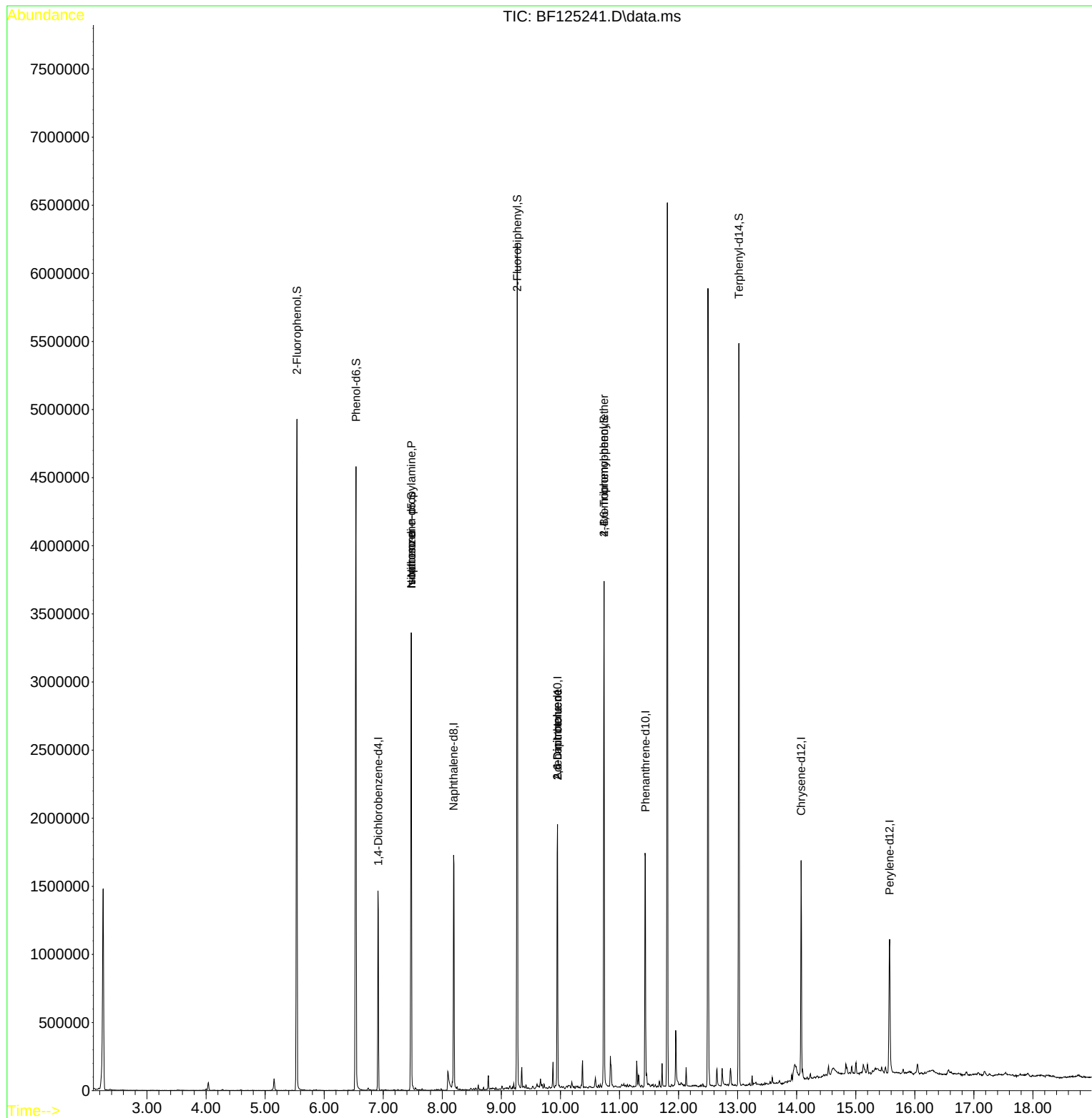
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.916  | 152  | 208413   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.192  | 136  | 798842   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.951  | 164  | 404887   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.439 | 188  | 682787   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.074 | 240  | 521571   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 15.574 | 264  | 484891   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.540  | 112  | 1284131  | 93.260  | ng    | 0.01     |
| 7) Phenol-d6                  | 6.539  | 99   | 1609162  | 90.361  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.475  | 82   | 1062815  | 66.980  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.739 | 330  | 449706   | 111.267 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.269  | 172  | 1887334  | 64.967  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.021 | 244  | 1982987  | 60.569  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.475  | 70   | 143080   | 13.358  | ng    | # 55     |
| 25) Isophorone                | 7.475  | 82   | 1062797  | 34.720  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.951  | 165  | 54367    | 8.936   | ng    | # 28     |
| 57) 2,4-Dinitrotoluene        | 9.951  | 165  | 54367    | 7.383   | ng    | # 20     |
| 67) 4-Bromophenyl-phenylether | 10.739 | 248  | 28345    | 3.457   | ng    | # 1      |

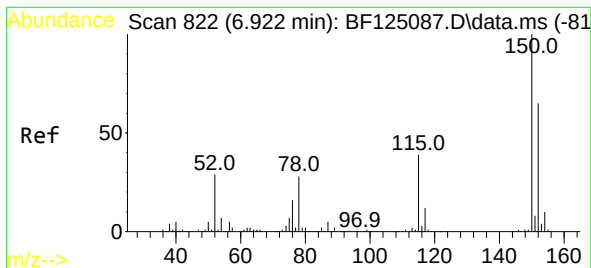
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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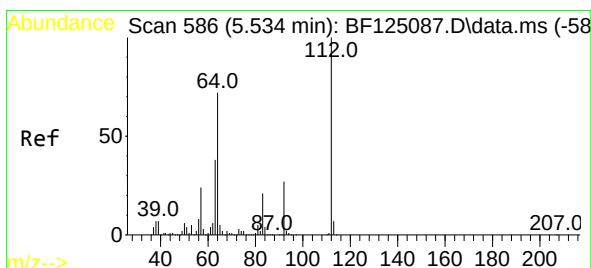
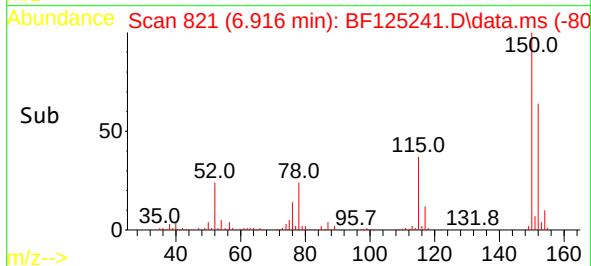
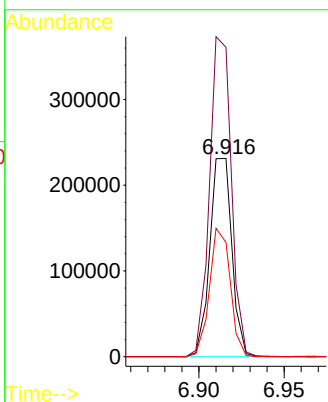
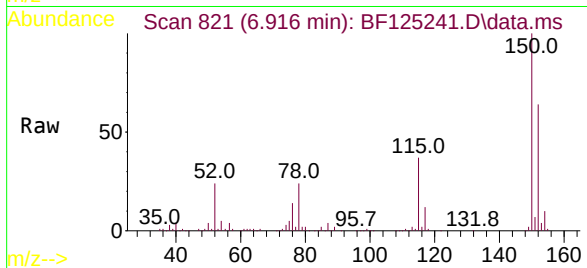




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.916 min Scan# 821  
Delta R.T. -0.000 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

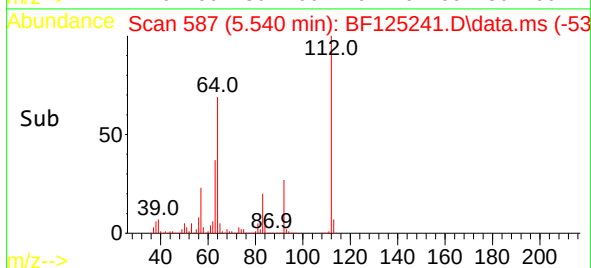
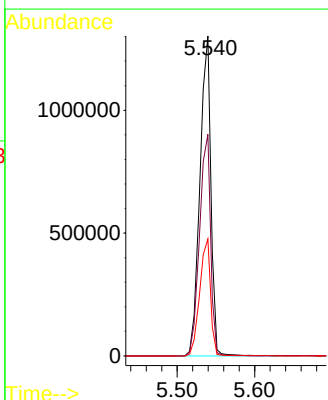
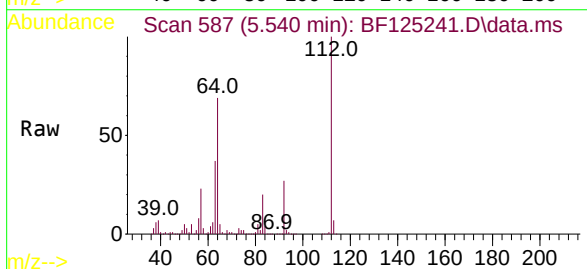
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

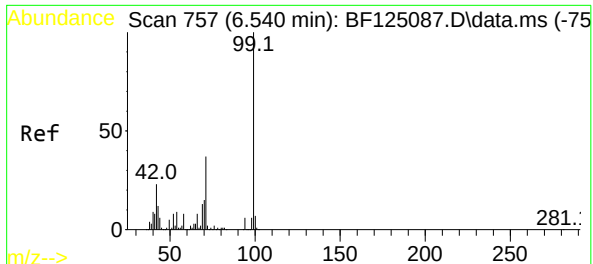
Tgt Ion:152 Resp: 208413  
Ion Ratio Lower Upper  
152 100  
150 156.1 117.6 176.4  
115 57.7 47.1 70.7



#5  
2-Fluorophenol  
Concen: 93.260 ng  
RT: 5.540 min Scan# 587  
Delta R.T. 0.012 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Tgt Ion:112 Resp: 1284131  
Ion Ratio Lower Upper  
112 100  
64 69.3 44.2 66.2#  
63 36.6 26.2 39.2

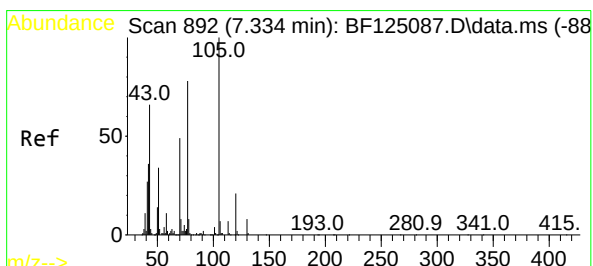
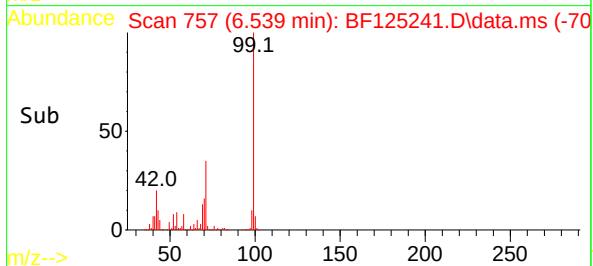
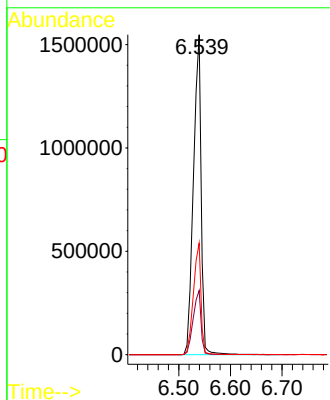
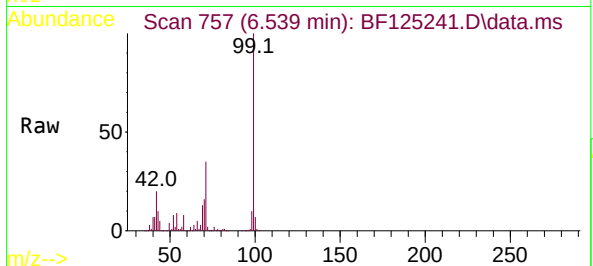




#7  
Phenol-d6  
Concen: 90.361 ng  
RT: 6.539 min Scan# 757  
Delta R.T. -0.000 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

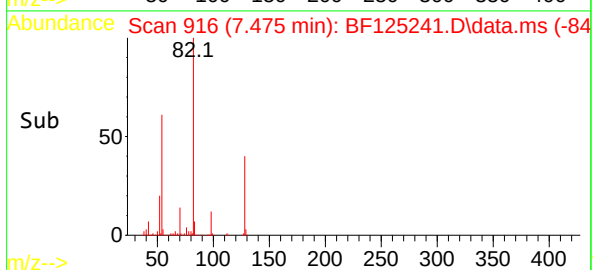
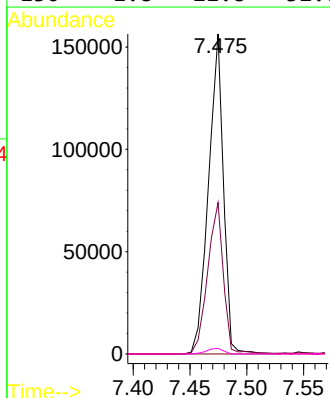
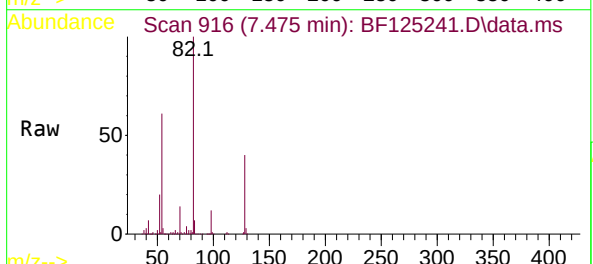
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

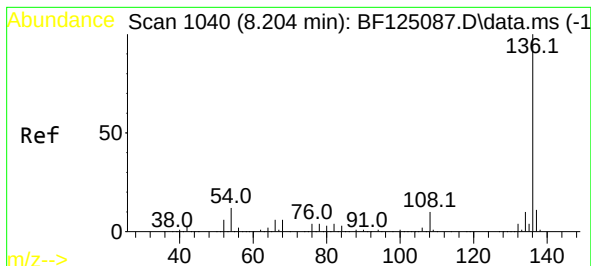
Tgt Ion: 99 Resp: 1609162  
Ion Ratio Lower Upper  
99 100  
42 20.0 23.5 35.3#  
71 34.8 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.358 ng  
RT: 7.475 min Scan# 916  
Delta R.T. 0.147 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Tgt Ion: 70 Resp: 143080  
Ion Ratio Lower Upper  
70 100  
42 47.3 72.2 108.2#  
101 0.0 7.8 11.8#  
130 1.8 21.8 32.6#

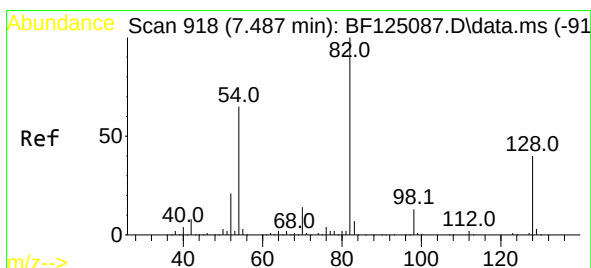
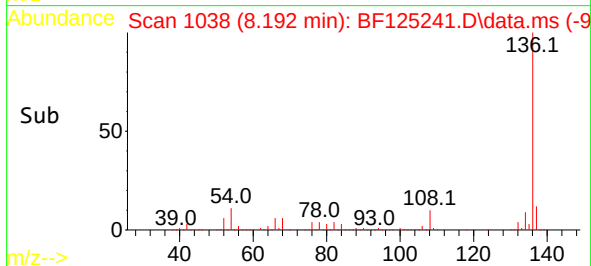
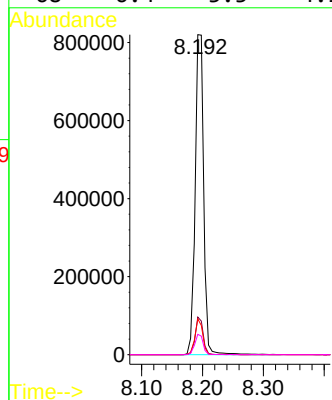
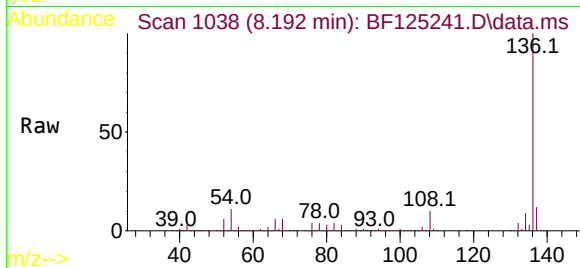




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.192 min Scan# 1038  
Delta R.T. -0.006 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

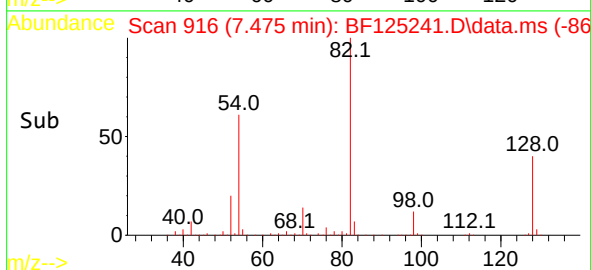
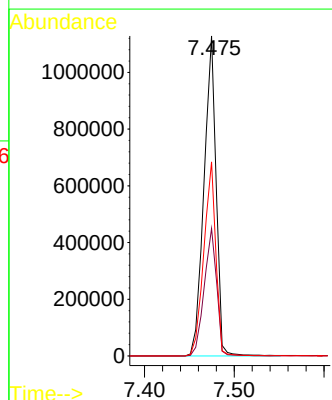
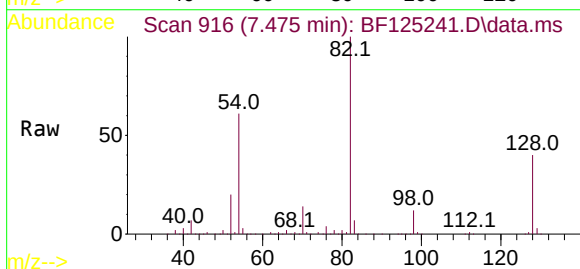
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

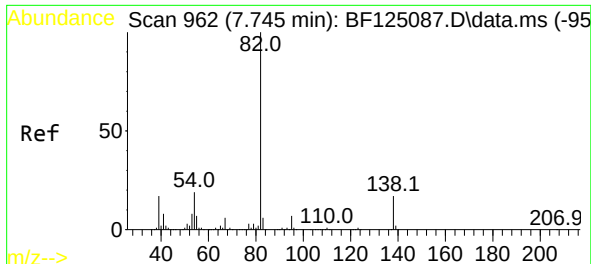
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 798842 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.8  | 9.8   | 14.6   |
| 54       | 11.2  | 6.4   | 9.6#   |
| 68       | 6.4   | 3.3   | 4.9#   |



#23  
Nitrobenzene-d5  
Concen: 66.980 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.006 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

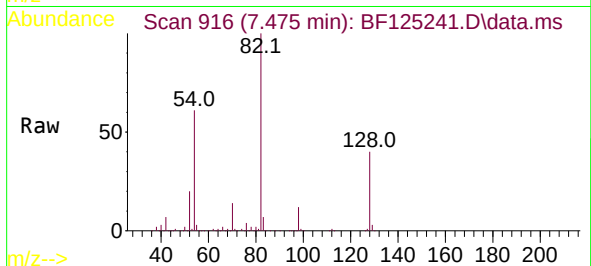
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 82    | Resp: | 1062815 |
| Ion      | Ratio | Lower | Upper   |
| 82       | 100   |       |         |
| 128      | 39.8  | 40.6  | 60.8#   |
| 54       | 60.6  | 49.6  | 74.4    |



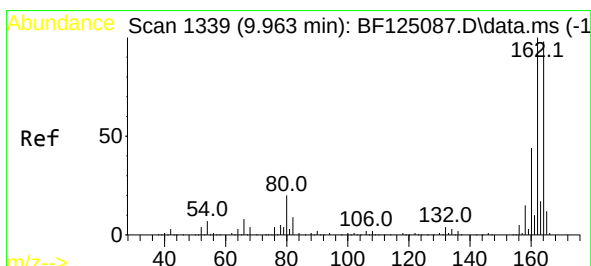
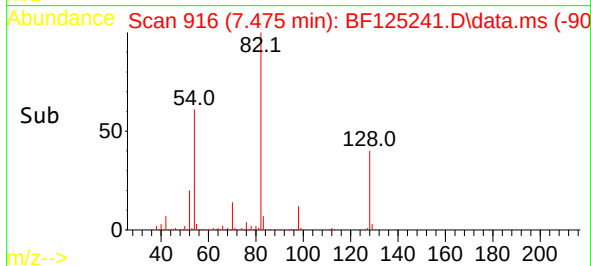
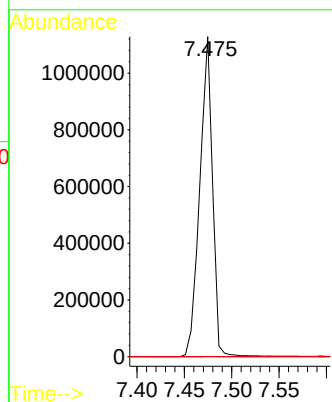


#25  
Isophorone  
Concen: 34.720 ng  
RT: 7.475 min Scan# 916  
Delta R.T. -0.259 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

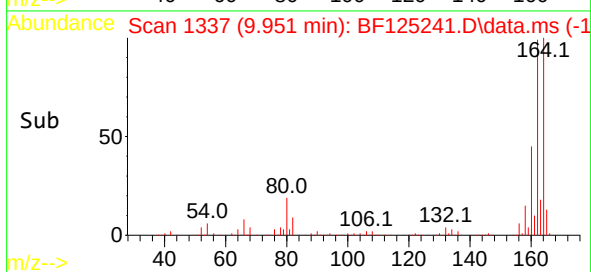
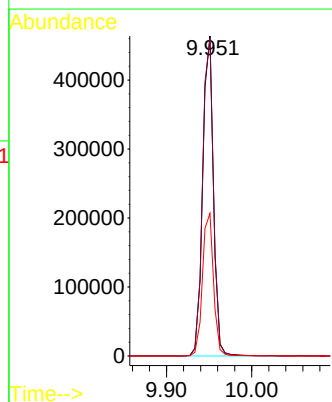
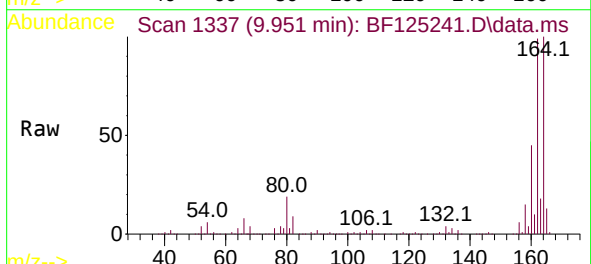


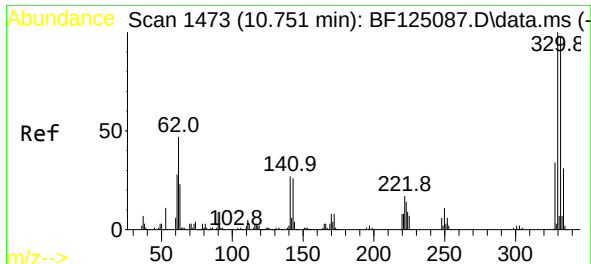
Tgt Ion: 82 Resp: 1062797  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.000 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

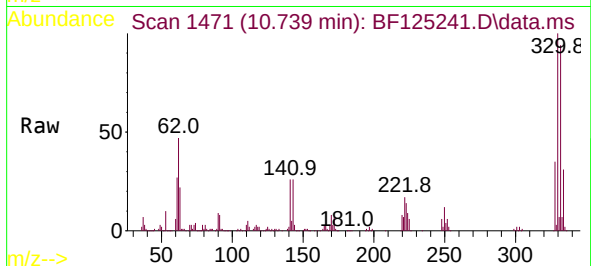
Tgt Ion: 164 Resp: 404887  
Ion Ratio Lower Upper  
164 100  
162 99.3 81.3 121.9  
160 44.5 38.0 57.0



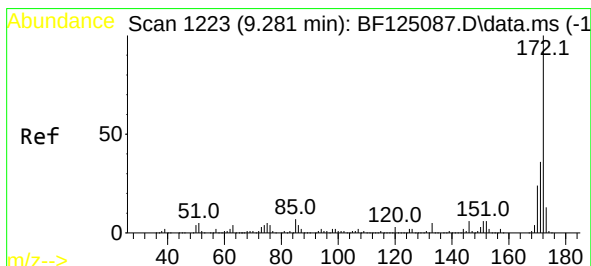
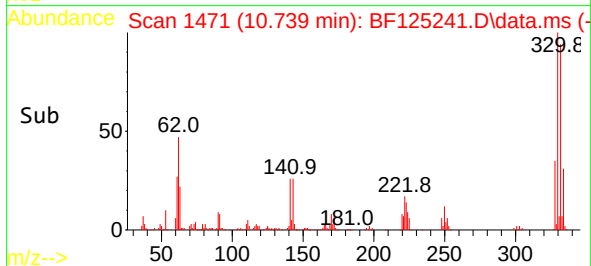
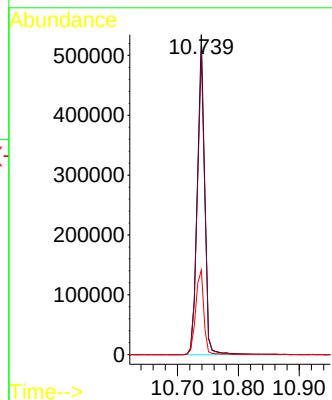


#42  
2,4,6-Tribromophenol  
Concen: 111.267 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

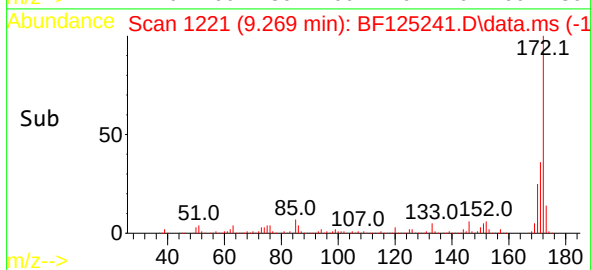
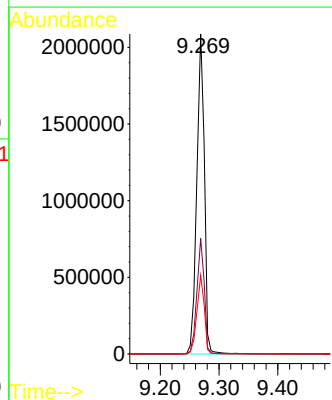
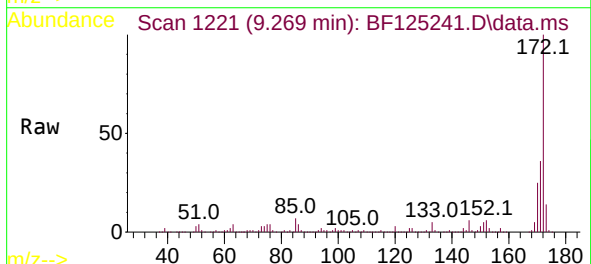


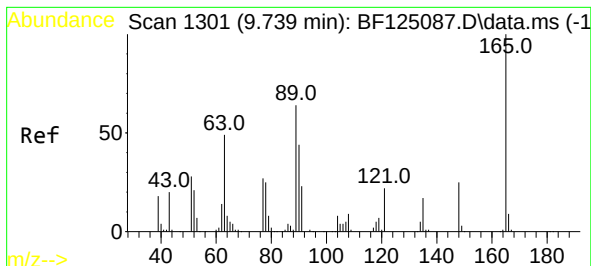
Tgt Ion:330 Resp: 449706  
Ion Ratio Lower Upper  
330 100  
332 95.3 76.2 114.4  
141 29.5 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 64.967 ng  
RT: 9.269 min Scan# 1221  
Delta R.T. -0.006 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Tgt Ion:172 Resp: 1887334  
Ion Ratio Lower Upper  
172 100  
171 36.1 26.5 39.7  
170 24.6 18.8 28.2

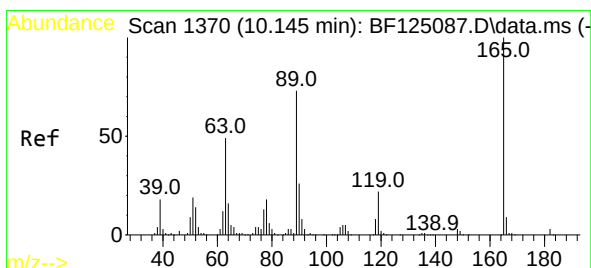
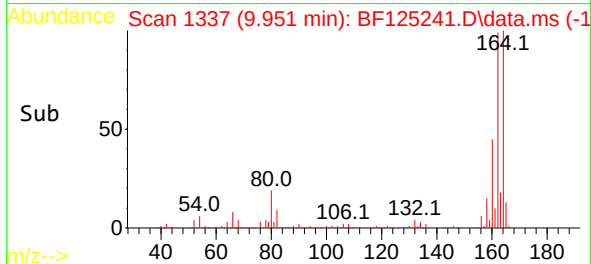
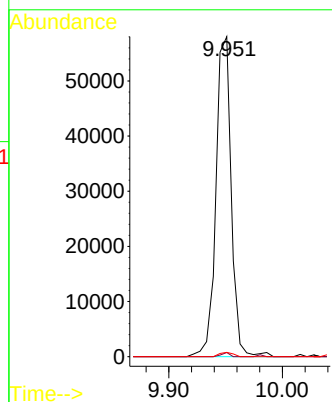
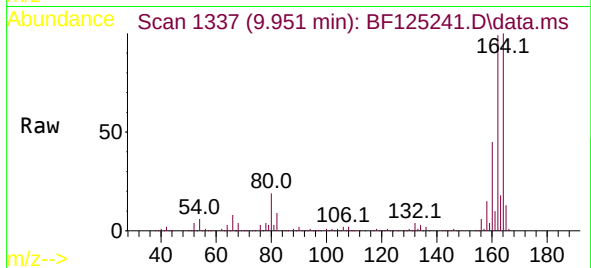




#51  
2,6-Dinitrotoluene  
Concen: 8.936 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. 0.218 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

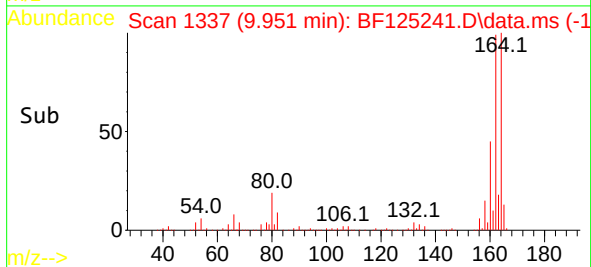
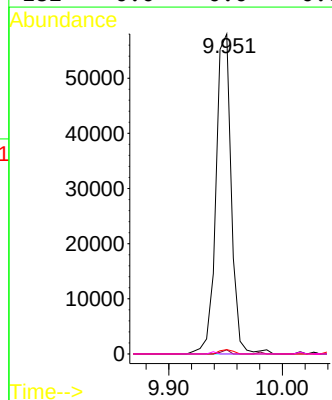
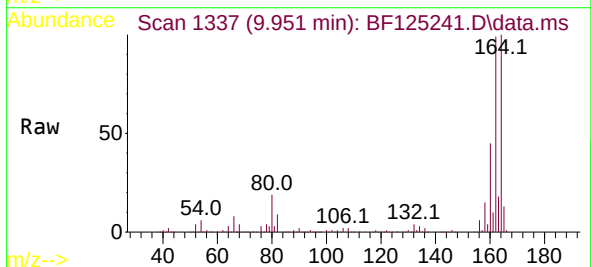
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

Tgt Ion:165 Resp: 54367  
Ion Ratio Lower Upper  
165 100  
63 1.3 42.6 63.8#  
89 1.3 40.6 60.8#

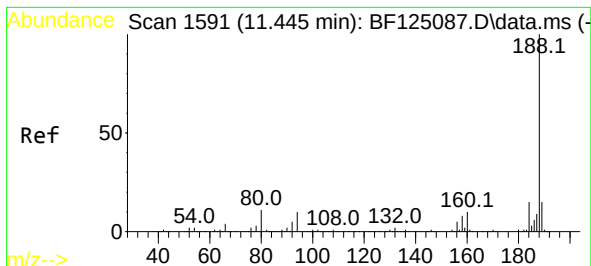


#57  
2,4-Dinitrotoluene  
Concen: 7.383 ng  
RT: 9.951 min Scan# 1337  
Delta R.T. -0.182 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Tgt Ion:165 Resp: 54367  
Ion Ratio Lower Upper  
165 100  
63 1.3 40.9 61.3#  
89 1.3 59.7 89.5#  
182 0.0 0.0 0.0



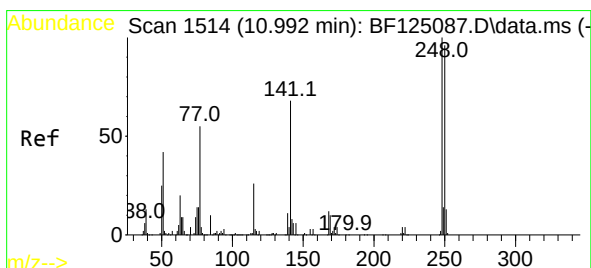
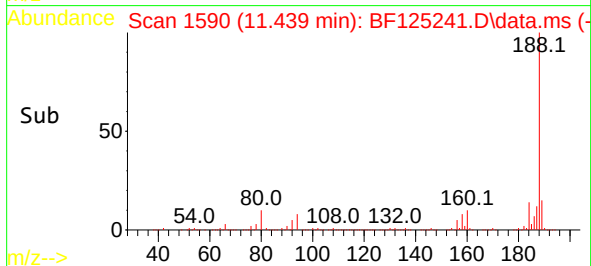
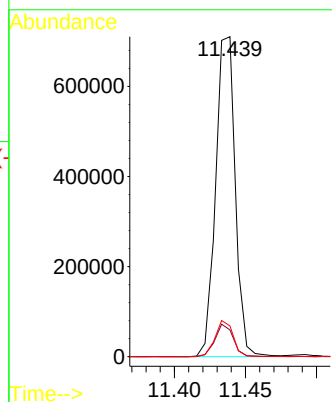
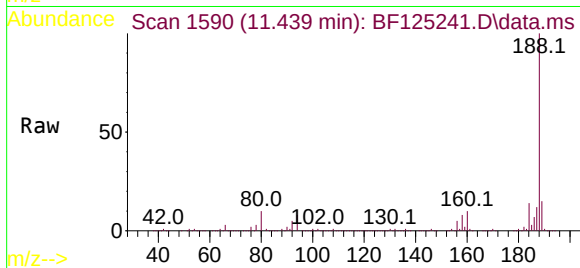




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.439 min Scan# 1590  
Delta R.T. -0.000 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

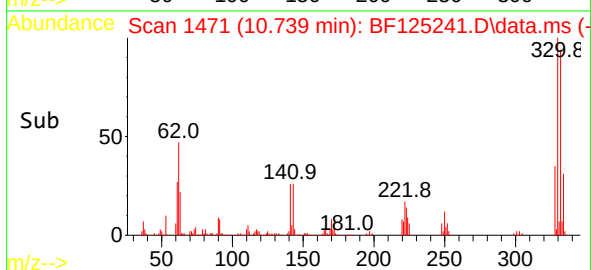
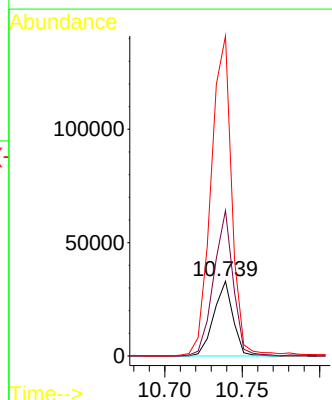
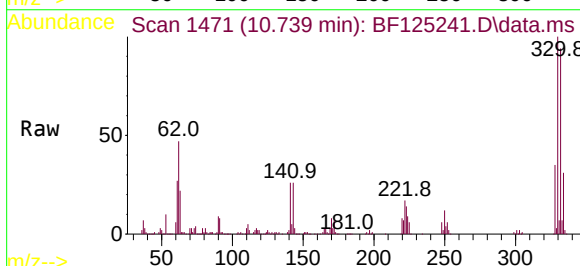
Instrument :  
BNA\_F  
ClientSampled :  
PE-1

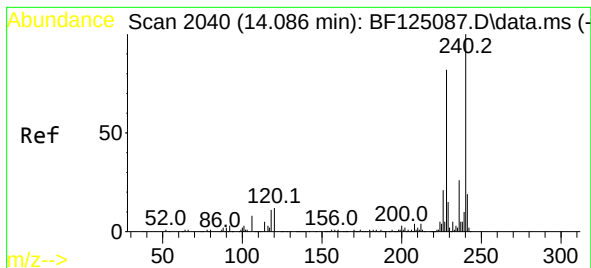
Tgt Ion:188 Resp: 682787  
Ion Ratio Lower Upper  
188 100  
94 8.4 6.7 10.1  
80 9.6 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 3.457 ng  
RT: 10.739 min Scan# 1471  
Delta R.T. -0.241 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Tgt Ion:248 Resp: 28345  
Ion Ratio Lower Upper  
248 100  
250 194.5 74.2 111.4#  
141 428.0 60.4 90.6#

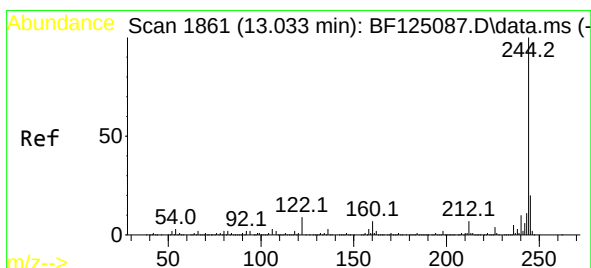
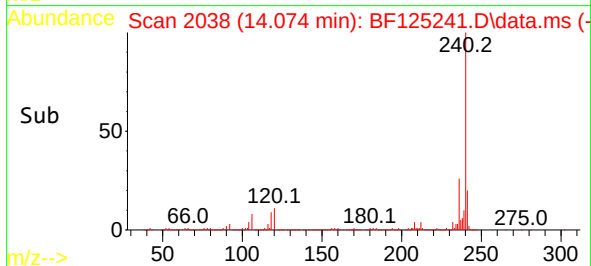
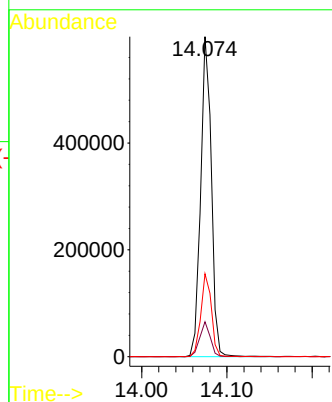
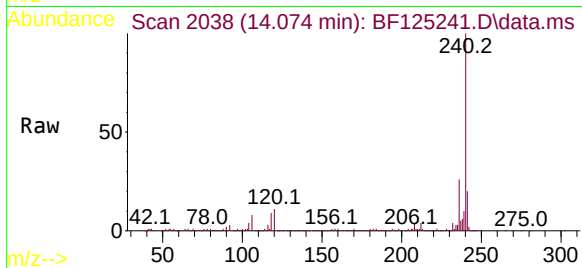




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2038  
Delta R.T. -0.006 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

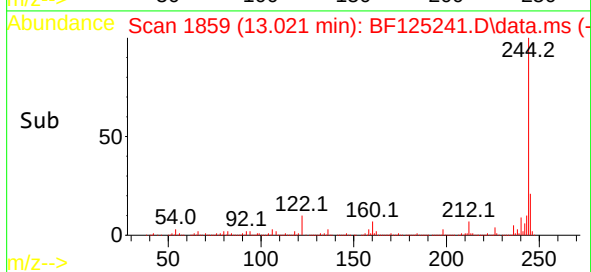
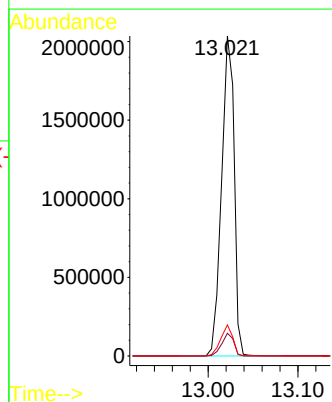
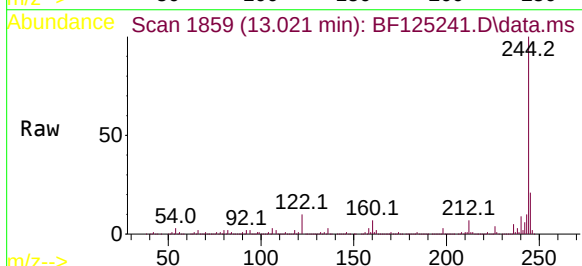
Instrument :  
BNA\_F  
ClientSampleId :  
PE-1

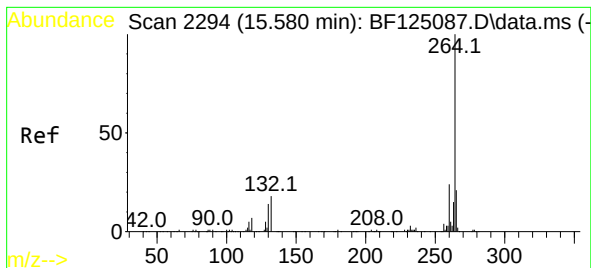
Tgt Ion:240 Resp: 521571  
Ion Ratio Lower Upper  
240 100  
120 10.9 10.8 16.2  
236 25.9 21.6 32.4



#79  
Terphenyl-d14  
Concen: 60.569 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. -0.000 min  
Lab File: BF125241.D  
Acq: 27 Aug 2021 00:03

Tgt Ion:244 Resp: 1982987  
Ion Ratio Lower Upper  
244 100  
212 7.1 5.9 8.9  
122 9.7 9.0 13.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.574 min Scan# 2293  
 Delta R.T. 0.000 min  
 Lab File: BF125241.D  
 Acq: 27 Aug 2021 00:03

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PE-1

Tgt Ion:264 Resp: 484891  
 Ion Ratio Lower Upper  
 264 100  
 260 24.1 19.6 29.4  
 265 22.1 17.2 25.8

