

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF081021\  
 Data File : BF125043.D  
 Acq On : 10 Aug 2021 22:13  
 Operator : JU/CG  
 Sample : M3318-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20210536-COM-9

Quant Time: Aug 11 04:16:23 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 10 11:32:36 2021  
 Response via : Initial Calibration

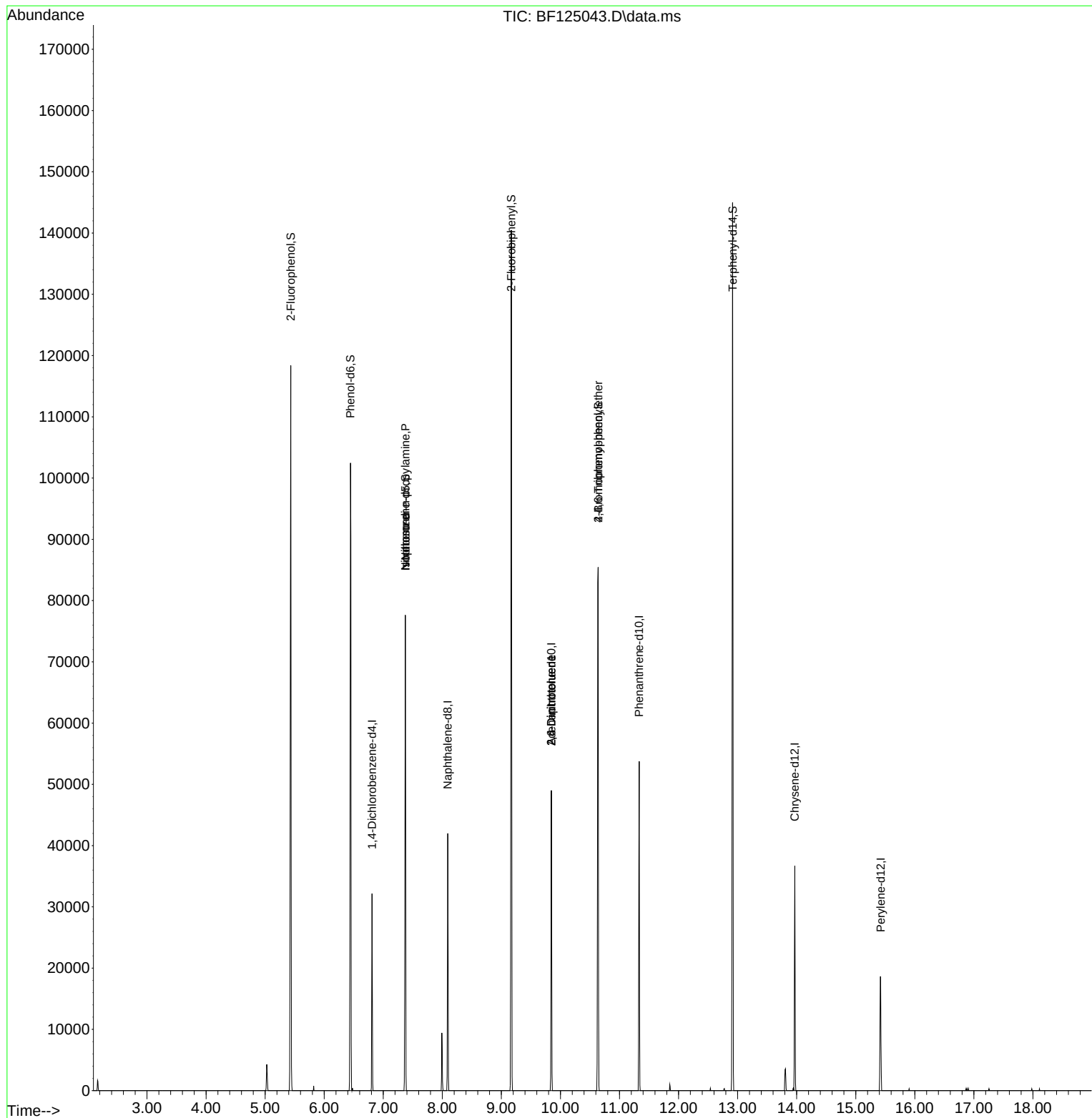
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.810  | 152  | 4200     | 20.000  | ng    | # 0.00   |
| 21) Naphthalene-d8            | 8.092  | 136  | 16136    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.845  | 164  | 9158     | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.333 | 188  | 17851    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.968 | 240  | 12998    | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.421 | 264  | 10035    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.434  | 112  | 25948    | 101.204 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.445  | 99   | 32688    | 101.109 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.375  | 82   | 24206    | 78.476  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.639 | 330  | 9702     | 118.581 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.169  | 172  | 38549    | 61.592  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.916 | 244  | 45386    | 58.900  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.375  | 70   | 3041     | 15.853  | ng    | # 65     |
| 25) Isophorone                | 7.375  | 82   | 24205    | 45.978  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.845  | 165  | 1184     | 8.568   | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.845  | 165  | 1184     | 6.311   | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.639 | 248  | 536      | 2.741   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

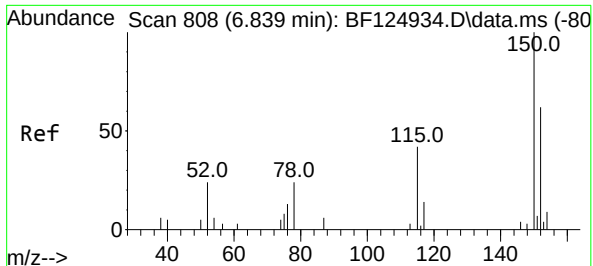
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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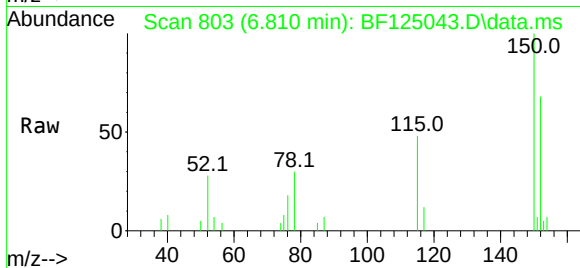
Quant Time: Aug 11 04:16:23 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF080421.M  
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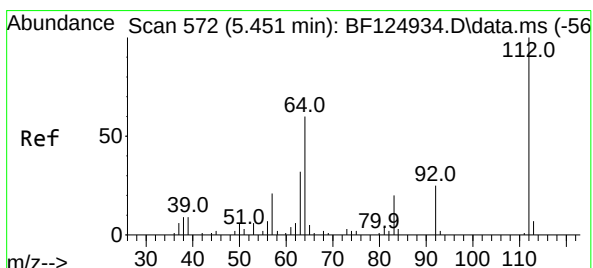
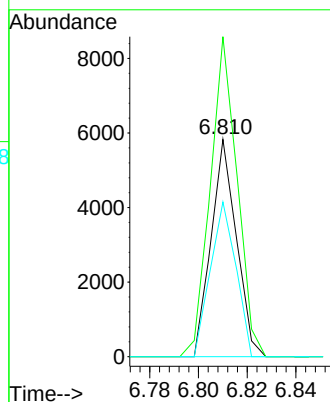
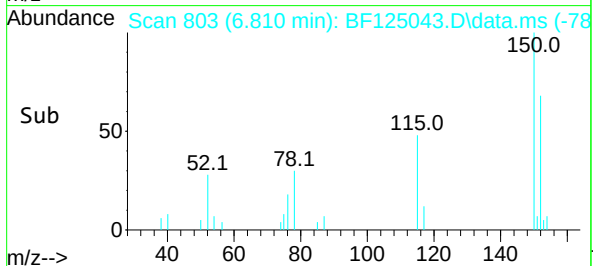


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.810 min Scan# 803  
Delta R.T. -0.006 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

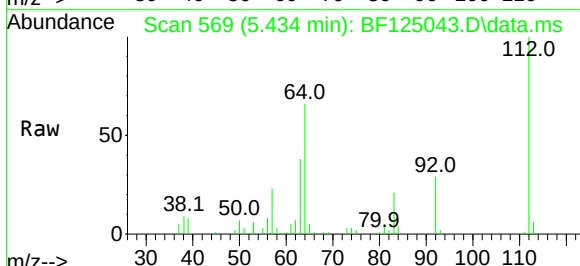
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20210536-COM-9



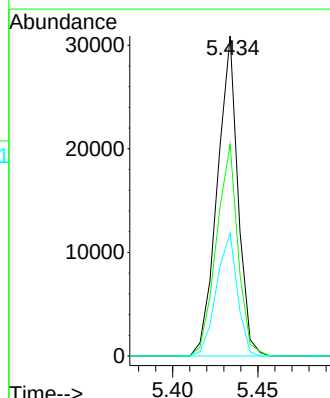
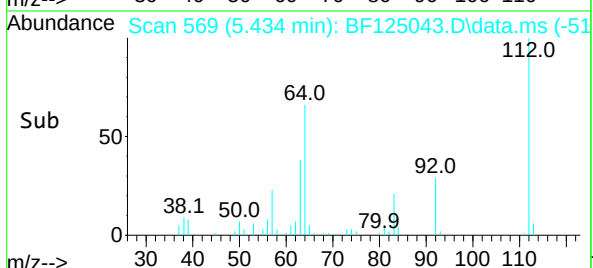
Tgt Ion:152 Resp: 4200  
Ion Ratio Lower Upper  
152 100  
150 147.3 117.6 176.4  
115 71.2 47.1 70.7#

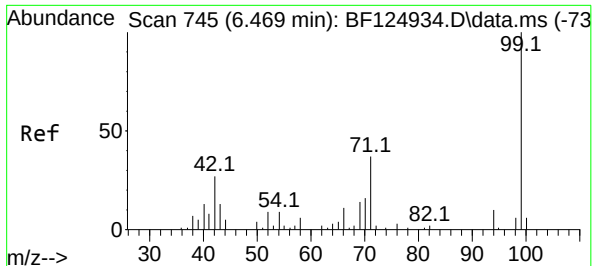


#5  
2-Fluorophenol  
Concen: 101.204 ng  
RT: 5.434 min Scan# 569  
Delta R.T. -0.000 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13



Tgt Ion:112 Resp: 25948  
Ion Ratio Lower Upper  
112 100  
64 66.1 44.2 66.2  
63 38.4 26.2 39.2

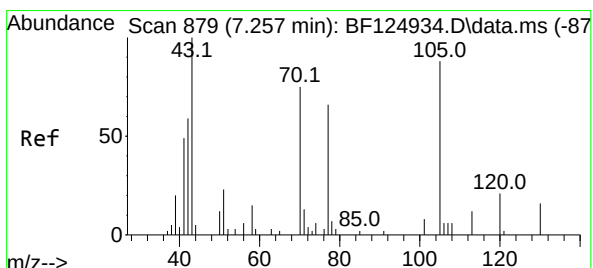
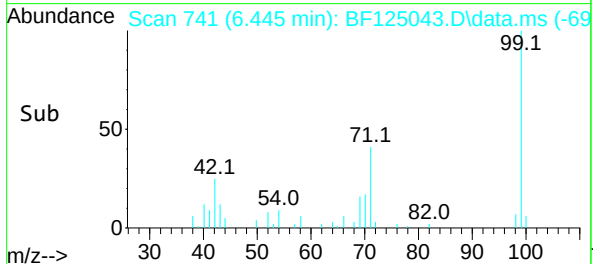
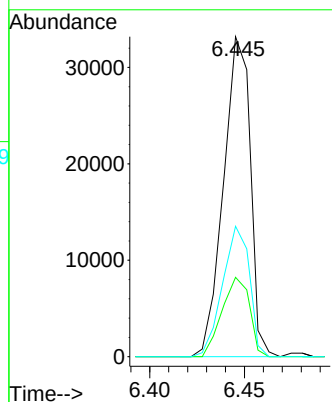
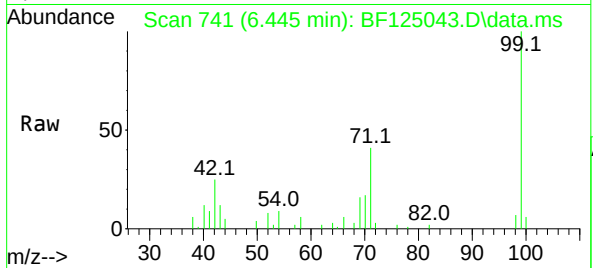




#7  
Phenol-d6  
Concen: 101.109 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.006 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

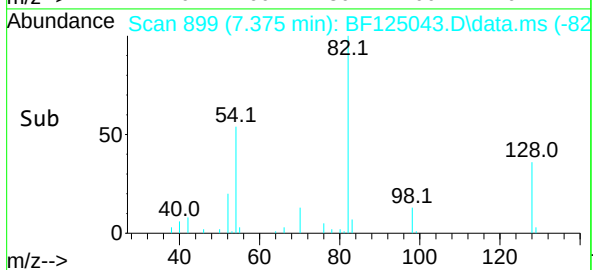
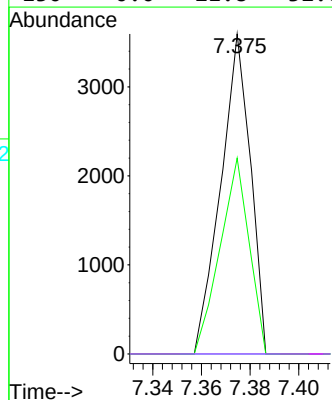
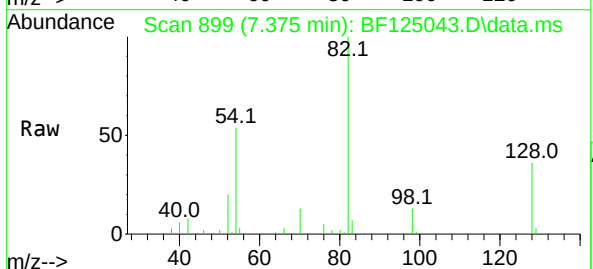
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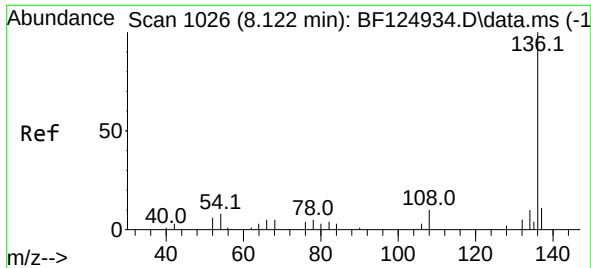
Tgt Ion: 99 Resp: 32688  
Ion Ratio Lower Upper  
99 100  
42 24.8 23.5 35.3  
71 40.7 25.6 38.4#



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.853 ng  
RT: 7.375 min Scan# 899  
Delta R.T. 0.147 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

Tgt Ion: 70 Resp: 3041  
Ion Ratio Lower Upper  
70 100  
42 61.2 72.2 108.2#  
101 0.0 7.8 11.8#  
130 0.0 21.8 32.6#

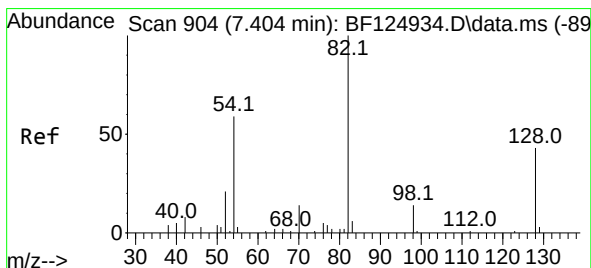
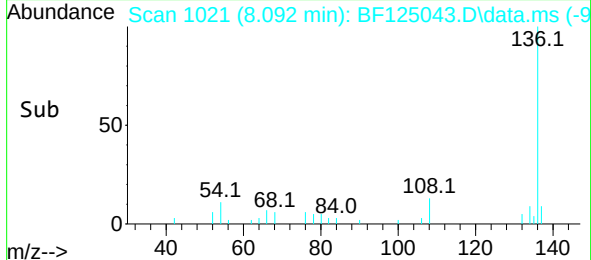
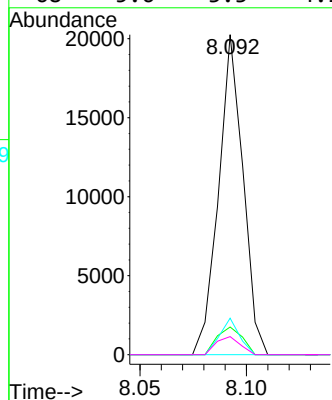
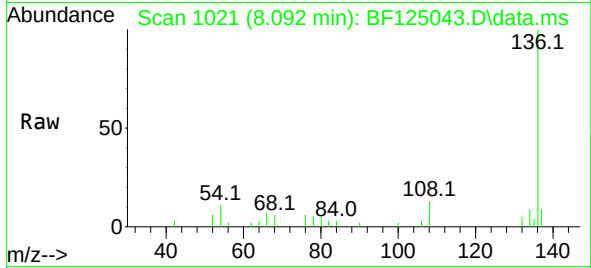




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.092 min Scan# 1021  
Delta R.T. -0.006 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

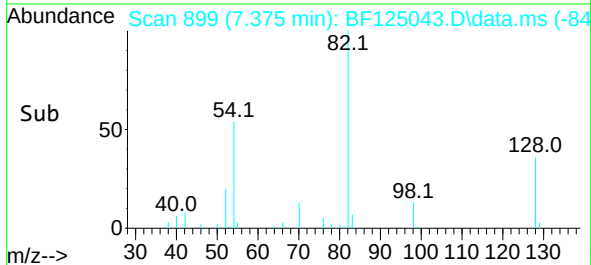
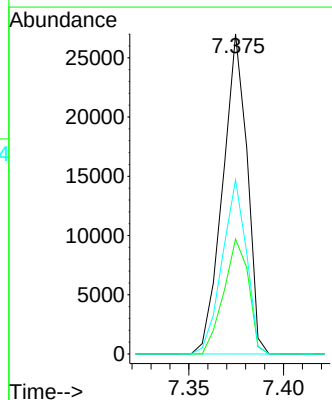
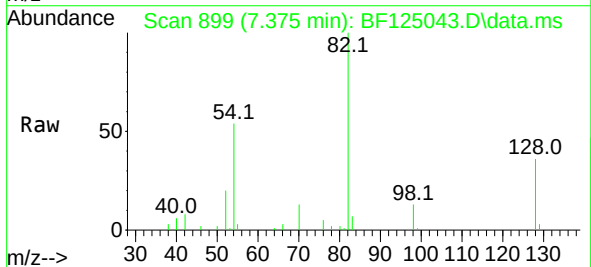
Instrument :  
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20210536-COM-9

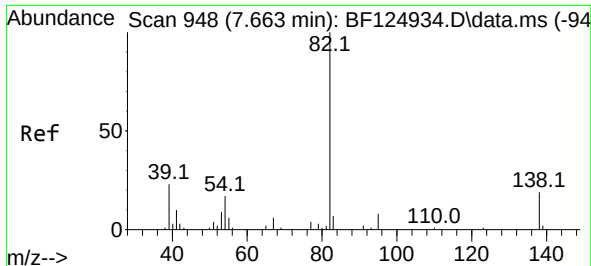
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:136 | Resp: | 16136     |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 8.7   | 9.8 14.6# |
| 54          | 11.4  | 6.4 9.6#  |
| 68          | 5.6   | 3.3 4.9#  |



#23  
Nitrobenzene-d5  
Concen: 78.476 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.006 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 24206      |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 35.9  | 40.6 60.8# |
| 54          | 54.4  | 49.6 74.4  |

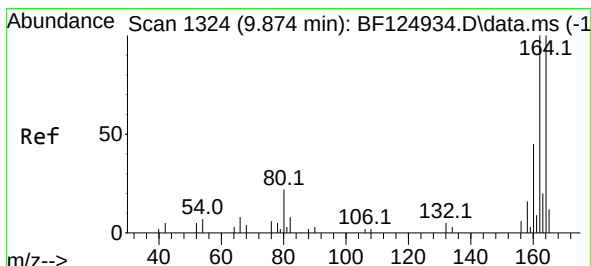
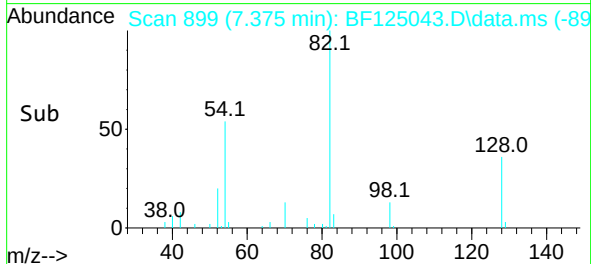
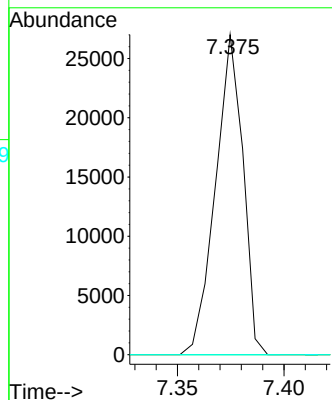
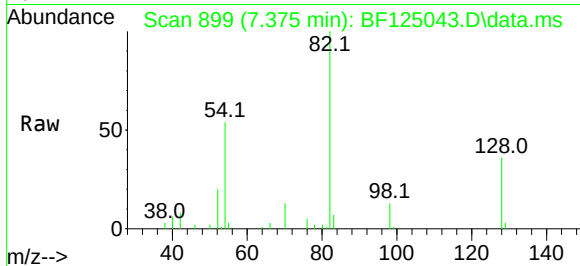




#25  
Isophorone  
Concen: 45.978 ng  
RT: 7.375 min Scan# 899  
Delta R.T. -0.265 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

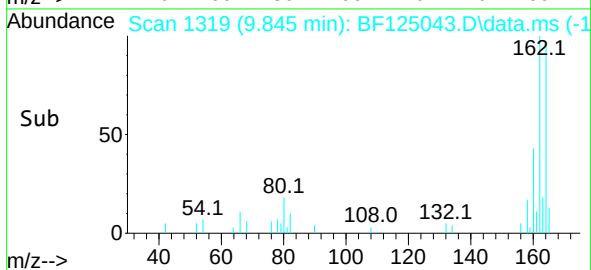
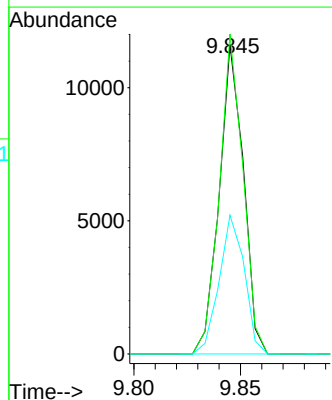
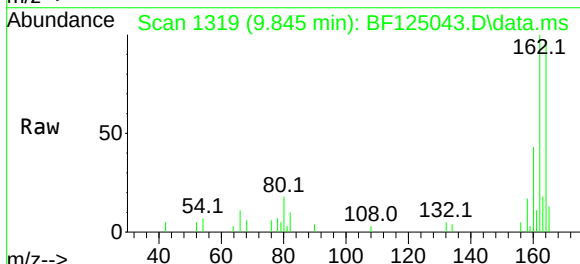
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ClientSampleId :  
20210536-COM-9

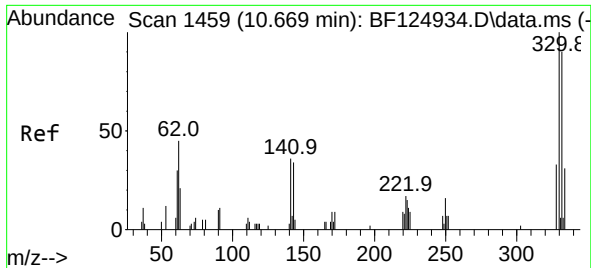
Tgt Ion: 82 Resp: 24205  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.006 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

Tgt Ion: 164 Resp: 9158  
Ion Ratio Lower Upper  
164 100  
162 103.5 81.3 121.9  
160 44.9 38.0 57.0

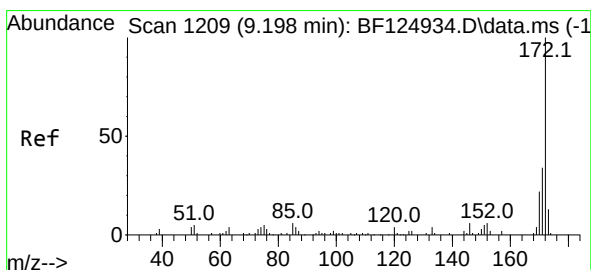
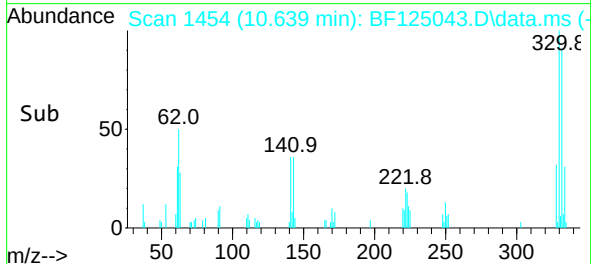
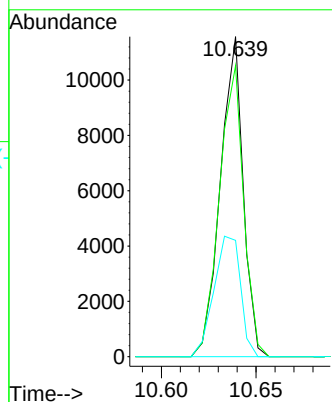
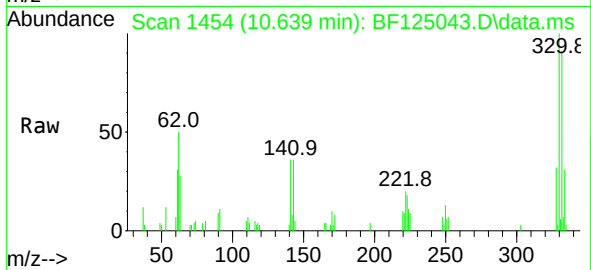




#42  
2,4,6-Tribromophenol  
Concen: 118.581 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.000 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

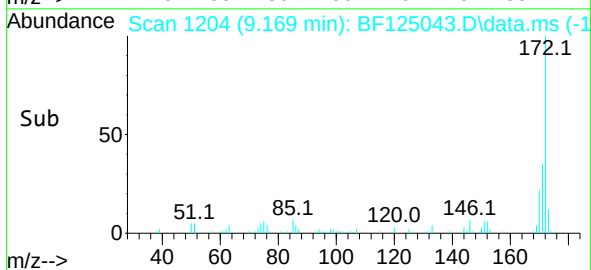
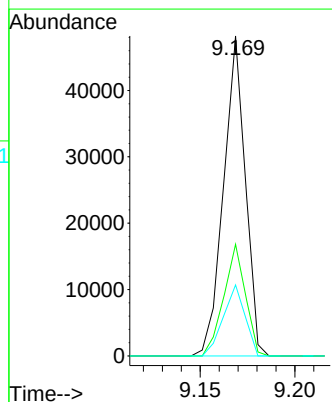
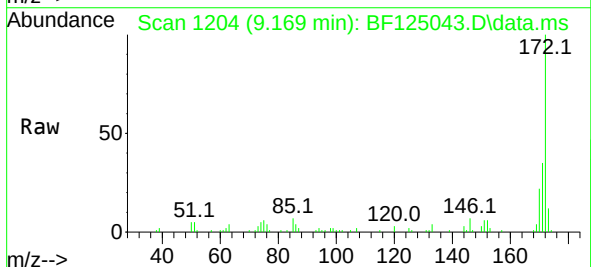
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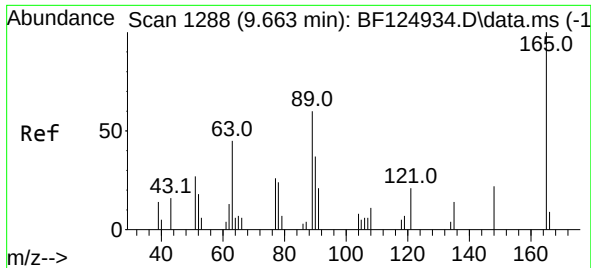
Tgt Ion: 330 Resp: 9702  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.2 114.4  
141 43.9 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 61.592 ng  
RT: 9.169 min Scan# 1204  
Delta R.T. -0.006 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

Tgt Ion: 172 Resp: 38549  
Ion Ratio Lower Upper  
172 100  
171 34.9 26.5 39.7  
170 22.2 18.8 28.2

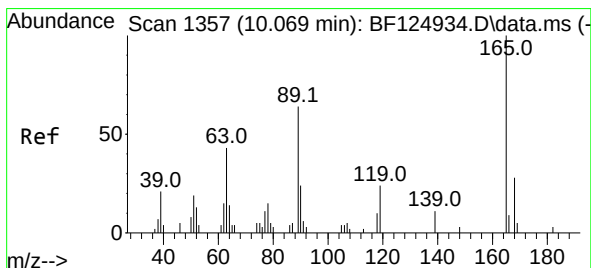
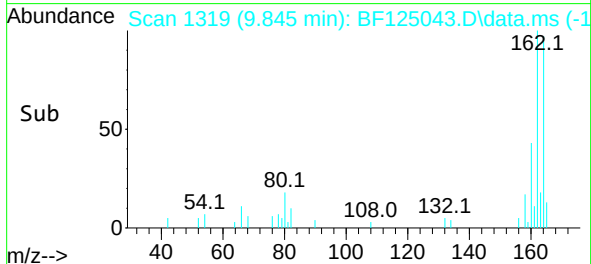
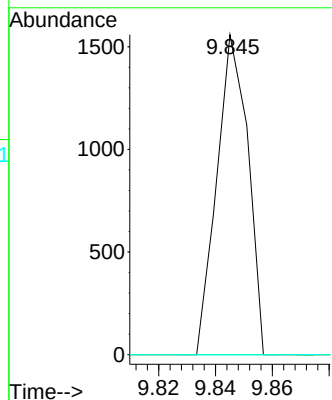
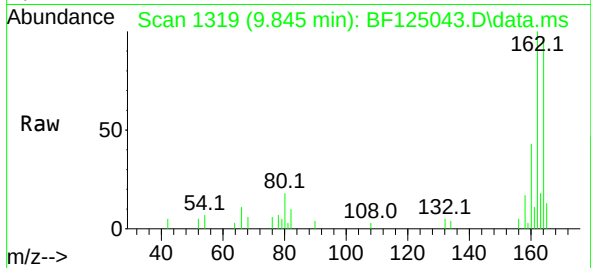




#51  
2,6-Dinitrotoluene  
Concen: 8.568 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. 0.206 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

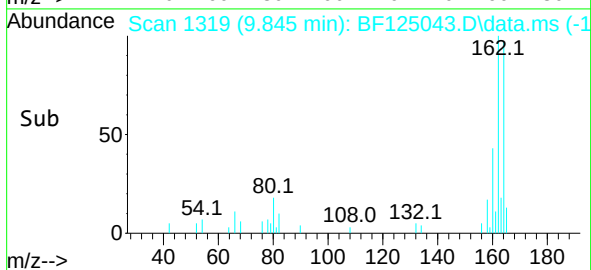
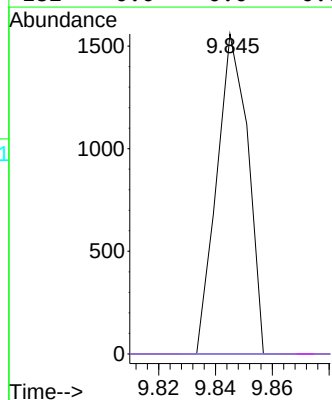
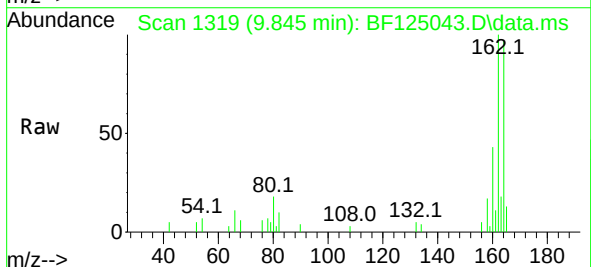
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20210536-COM-9

Tgt Ion:165 Resp: 1184  
Ion Ratio Lower Upper  
165 100  
63 0.0 42.6 63.8#  
89 0.0 40.6 60.8#

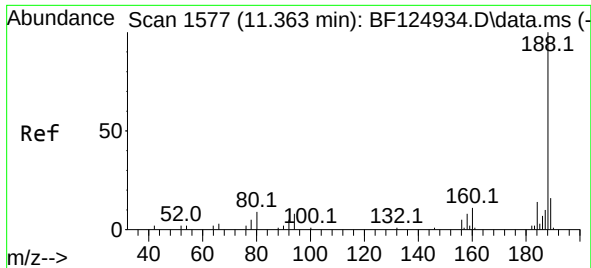


#57  
2,4-Dinitrotoluene  
Concen: 6.311 ng  
RT: 9.845 min Scan# 1319  
Delta R.T. -0.200 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

Tgt Ion:165 Resp: 1184  
Ion Ratio Lower Upper  
165 100  
63 0.0 40.9 61.3#  
89 0.0 59.7 89.5#  
182 0.0 0.0 0.0



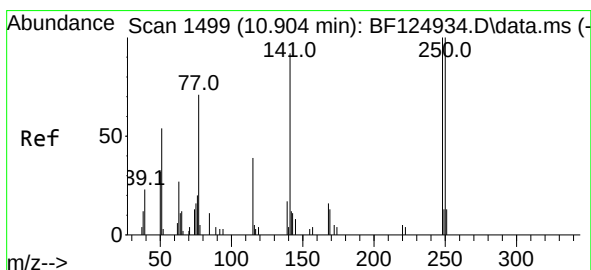
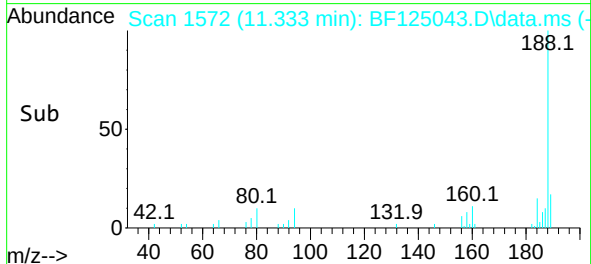
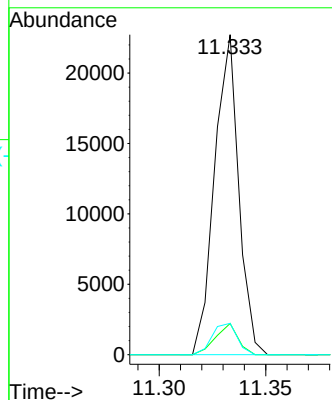
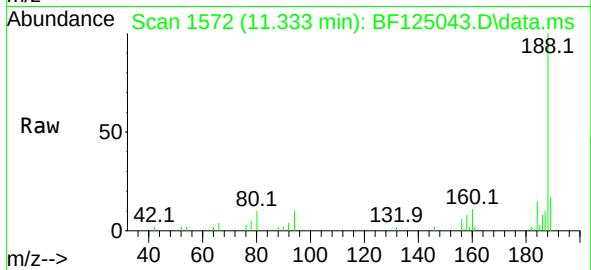




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.333 min Scan# 1572  
Delta R.T. -0.000 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

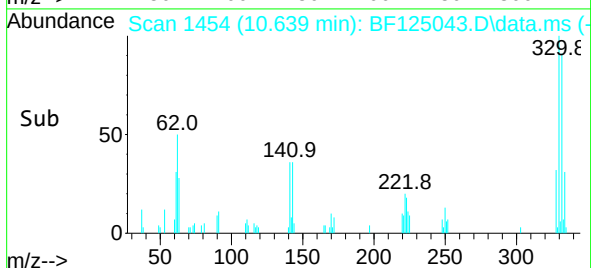
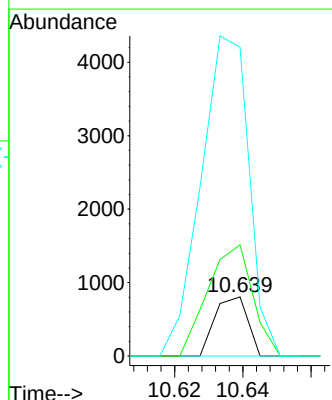
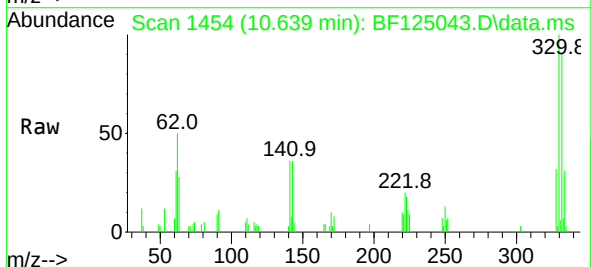
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20210536-COM-9

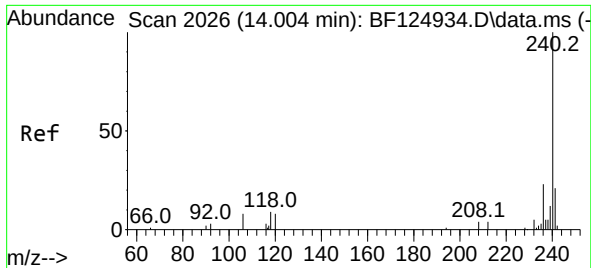
Tgt Ion:188 Resp: 17851  
Ion Ratio Lower Upper  
188 100  
94 9.8 6.7 10.1  
80 9.8 7.5 11.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.741 ng  
RT: 10.639 min Scan# 1454  
Delta R.T. -0.241 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

Tgt Ion:248 Resp: 536  
Ion Ratio Lower Upper  
248 100  
250 136.3 74.2 111.4#  
141 379.3 60.4 90.6#

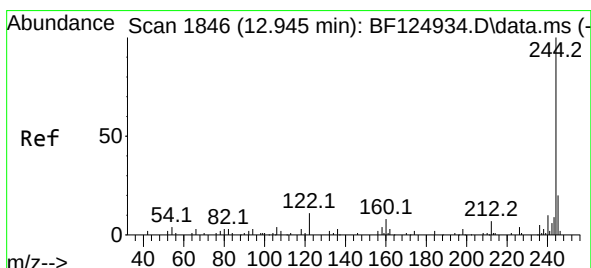
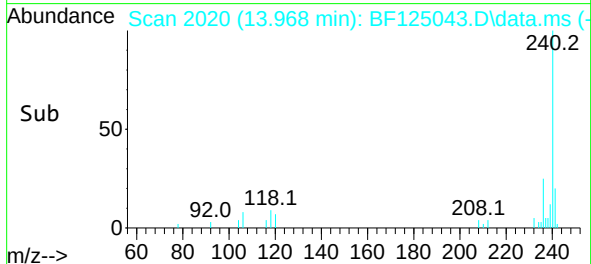
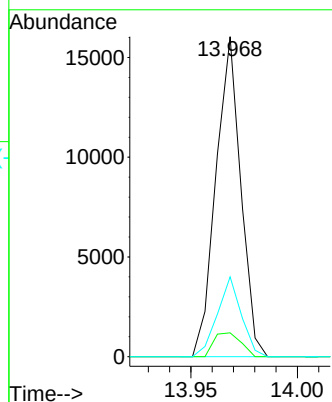
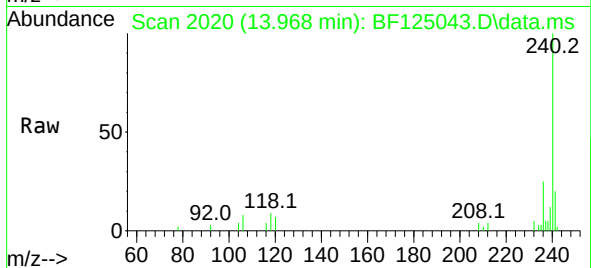




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

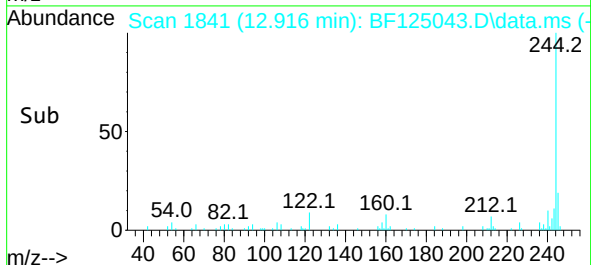
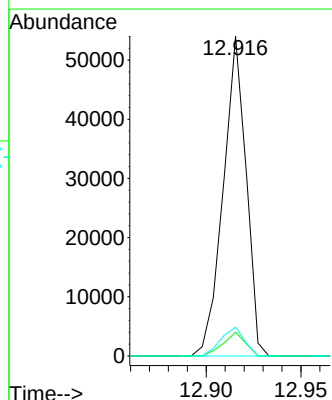
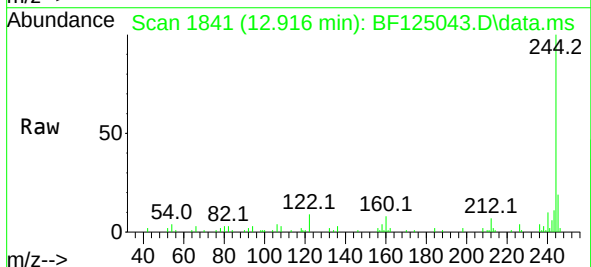
Instrument :  
BNA\_F  
ClientSampleId :  
20210536-COM-9

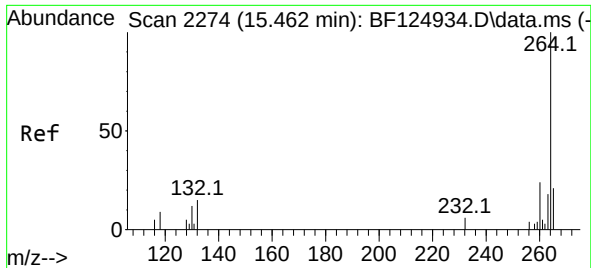
Tgt Ion:240 Resp: 12998  
Ion Ratio Lower Upper  
240 100  
120 7.5 10.8 16.2#  
236 25.0 21.6 32.4



#79  
Terphenyl-d14  
Concen: 58.900 ng  
RT: 12.916 min Scan# 1841  
Delta R.T. -0.000 min  
Lab File: BF125043.D  
Acq: 10 Aug 2021 22:13

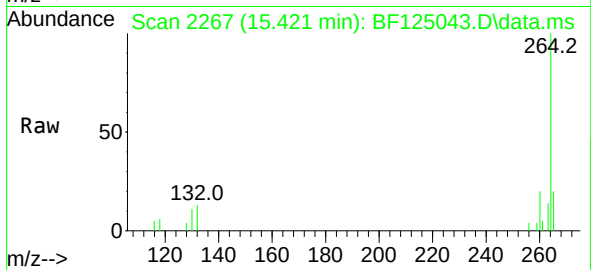
Tgt Ion:244 Resp: 45386  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.9 8.9  
122 9.0 9.0 13.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.421 min Scan# 2267  
 Delta R.T. 0.006 min  
 Lab File: BF125043.D  
 Acq: 10 Aug 2021 22:13

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20210536-COM-9



|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:264 | Resp: | 10035     |
| Ion Ratio   | Lower | Upper     |
| 264         | 100   |           |
| 260         | 20.2  | 19.6 29.4 |
| 265         | 20.4  | 17.2 25.8 |

