

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042922\  
 Data File : BF127997.D  
 Acq On : 29 Apr 2022 16:20  
 Operator : CG\JU  
 Sample : N2606-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3

Quant Time: Apr 29 17:58:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 05:13:03 2022  
 Response via : Initial Calibration

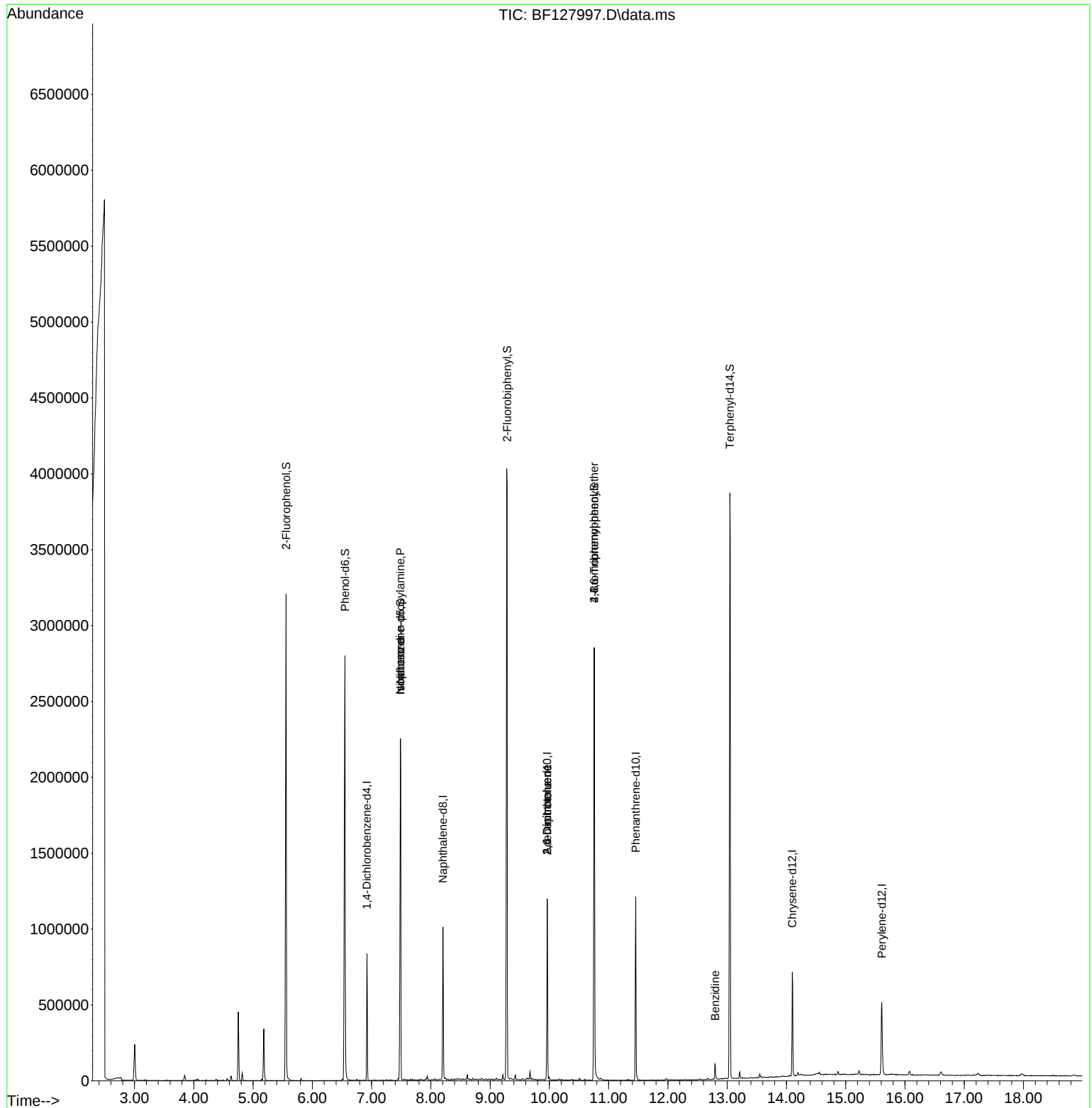
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.922  | 152  | 105703   | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.204  | 136  | 414458   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.963  | 164  | 238221   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.457 | 188  | 423721   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 14.098 | 240  | 240367   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12              | 15.610 | 264  | 225761   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.557  | 112  | 826514   | 124.543 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.551  | 99   | 1013044  | 117.643 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.487  | 82   | 857558   | 97.298  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.757 | 330  | 351706   | 146.660 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.286  | 172  | 1401504  | 99.529  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.045 | 244  | 1477478  | 112.397 | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.487  | 70   | 117418   | 22.275  | ng    | # 80     |
| 25) Isophorone                | 7.487  | 82   | 856232   | 57.720  | ng    | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.963  | 165  | 30901    | 8.933   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.963  | 165  | 30901    | 6.744   | ng    | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.757 | 248  | 21984    | 4.680   | ng    | # 1      |
| 77) Benzidine                 | 12.798 | 184  | 44122    | 9.701   | ng    | 96       |
| -----                         |        |      |          |         |       |          |

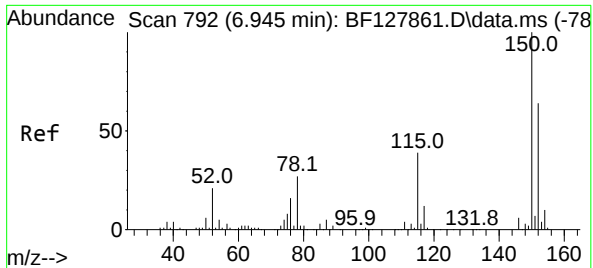
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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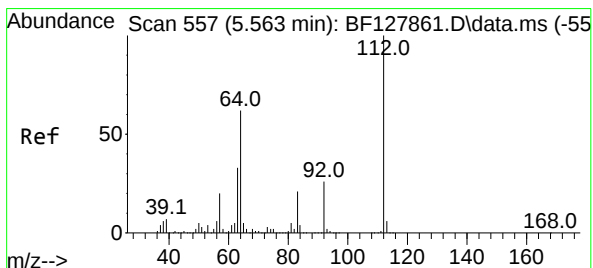
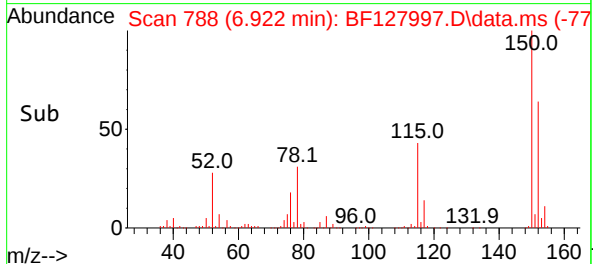
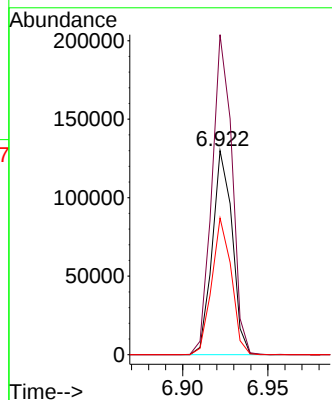
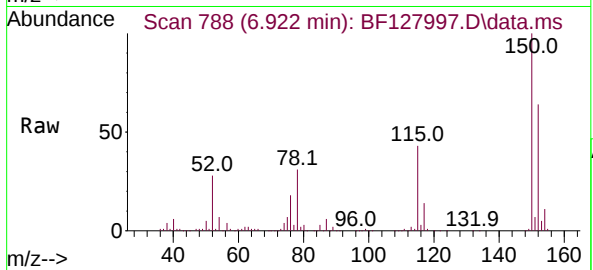




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.922 min Scan# 792  
 Delta R.T. -0.012 min  
 Lab File: BF127997.D  
 Acq: 29 Apr 2022 16:20

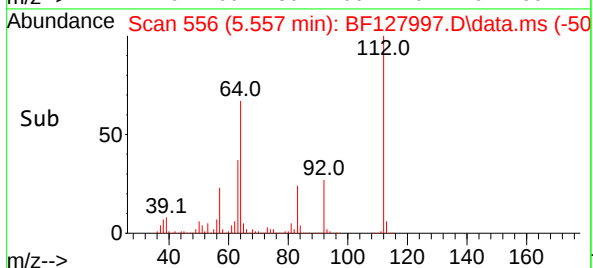
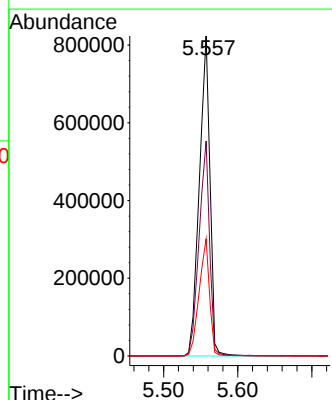
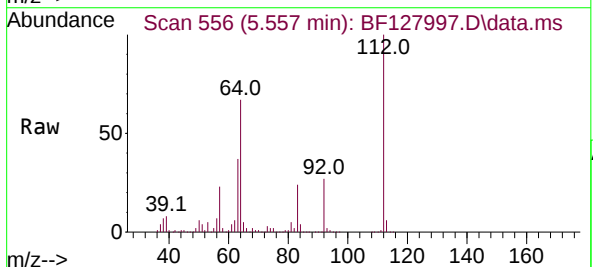
Instrument :  
 BNA\_F  
 ClientSampleId :  
 WC-3

Tgt Ion:152 Resp: 105703  
 Ion Ratio Lower Upper  
 152 100  
 150 156.9 125.3 187.9  
 115 67.0 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 124.543 ng  
 RT: 5.557 min Scan# 556  
 Delta R.T. 0.006 min  
 Lab File: BF127997.D  
 Acq: 29 Apr 2022 16:20

Tgt Ion:112 Resp: 826514  
 Ion Ratio Lower Upper  
 112 100  
 64 67.1 49.5 74.3  
 63 36.6 26.3 39.5

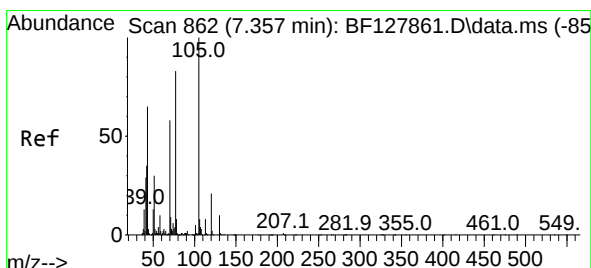
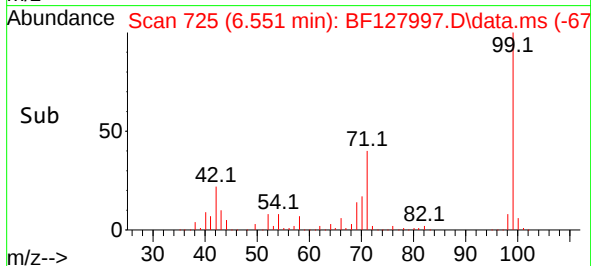
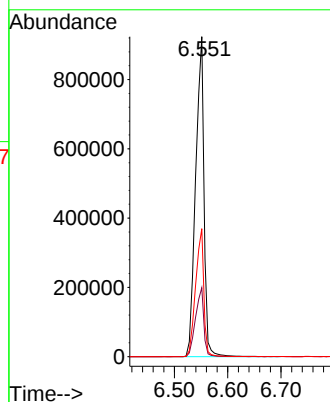
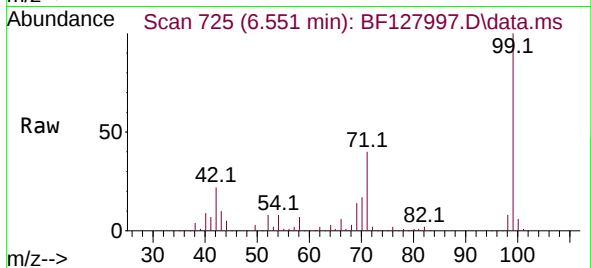




#7  
Phenol-d6  
Concen: 117.643 ng  
RT: 6.551 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

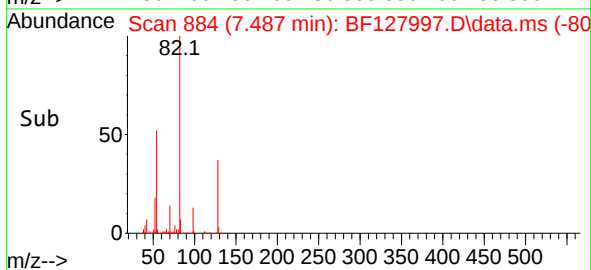
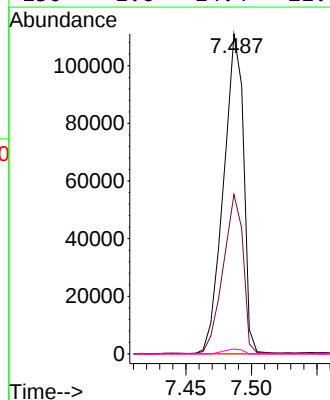
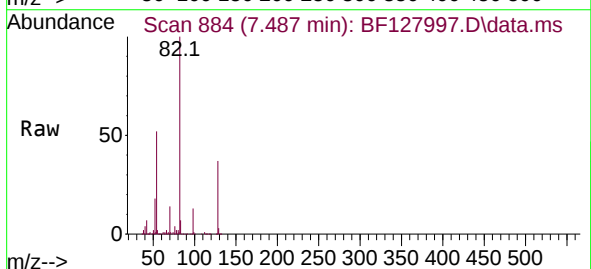
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3

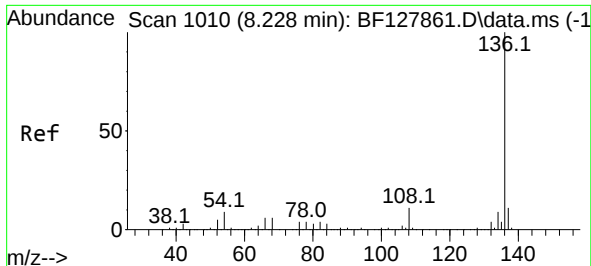
Tgt Ion: 99 Resp: 1013044  
Ion Ratio Lower Upper  
99 100  
42 21.6 16.6 24.8  
71 40.0 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 22.275 ng  
RT: 7.487 min Scan# 884  
Delta R.T. 0.141 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

Tgt Ion: 70 Resp: 117418  
Ion Ratio Lower Upper  
70 100  
42 49.9 48.7 73.1  
101 0.0 7.2 10.8#  
130 1.6 14.4 21.6#

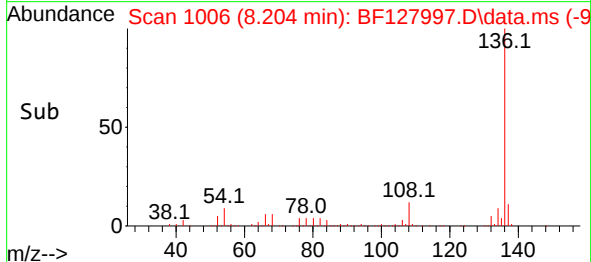
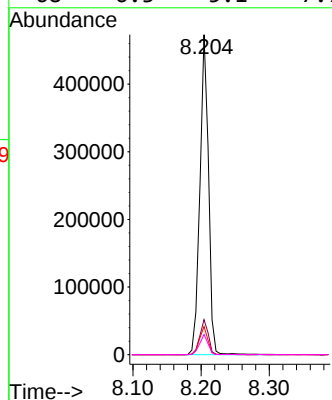
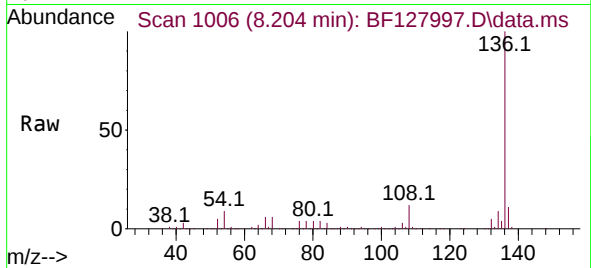




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.204 min Scan# 1010  
Delta R.T. -0.012 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

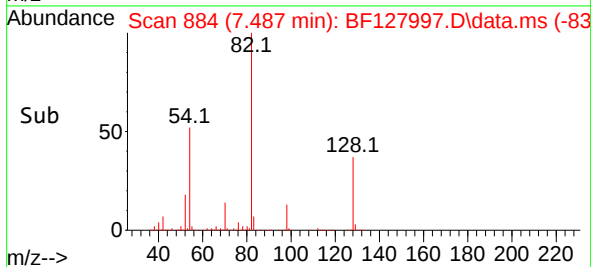
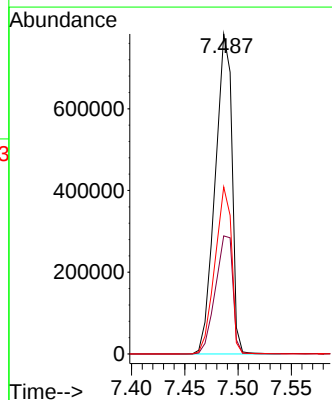
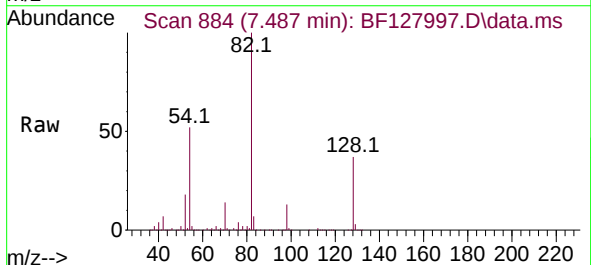
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 414458 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 8.6   | 13.0   |
| 54       | 8.8   | 6.8   | 10.2   |
| 68       | 6.3   | 5.1   | 7.7    |



#23  
Nitrobenzene-d5  
Concen: 97.298 ng  
RT: 7.487 min Scan# 884  
Delta R.T. -0.018 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 857558 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 36.9  | 30.0  | 45.0   |
| 54       | 52.2  | 41.3  | 61.9   |

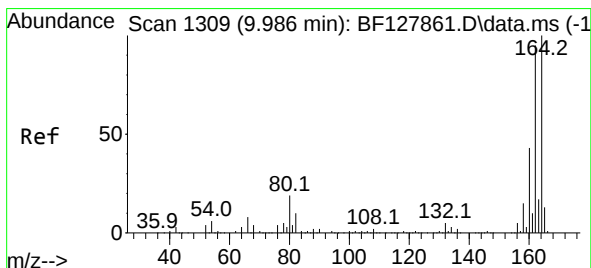
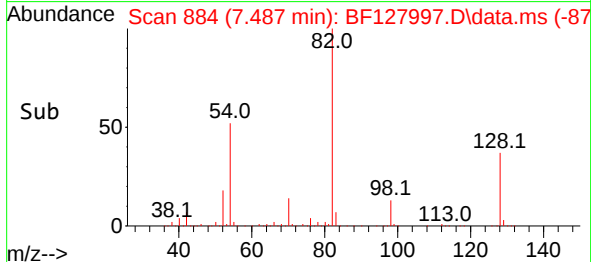
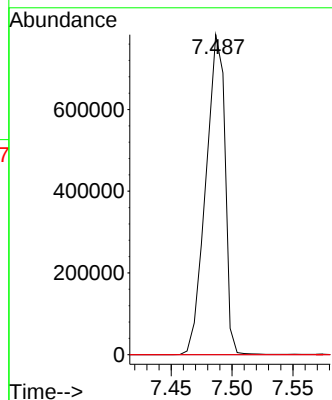
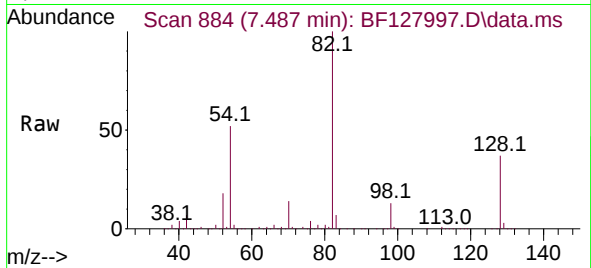




#25  
Isophorone  
Concen: 57.720 ng  
RT: 7.487 min Scan# 81  
Delta R.T. -0.270 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

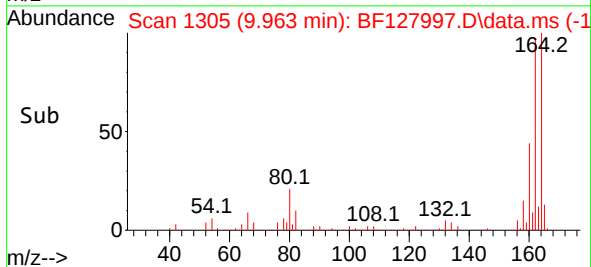
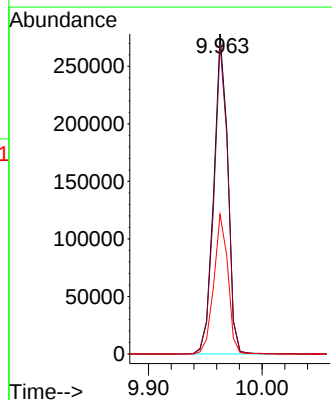
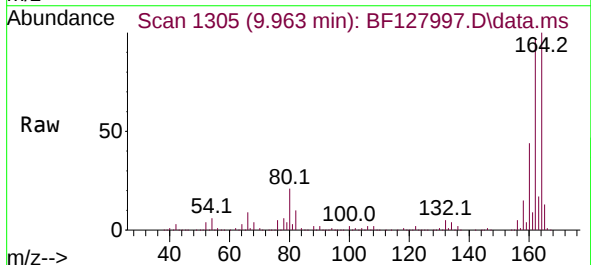
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3

Tgt Ion: 82 Resp: 856232  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. -0.012 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

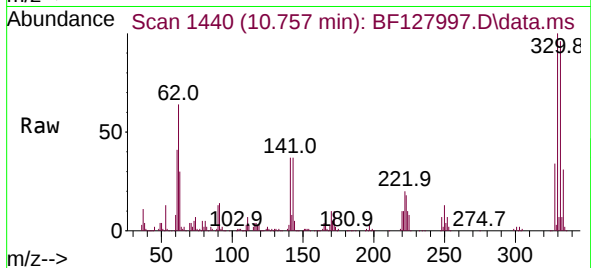
Tgt Ion: 164 Resp: 238221  
Ion Ratio Lower Upper  
164 100  
162 96.8 76.0 114.0  
160 43.6 34.8 52.2



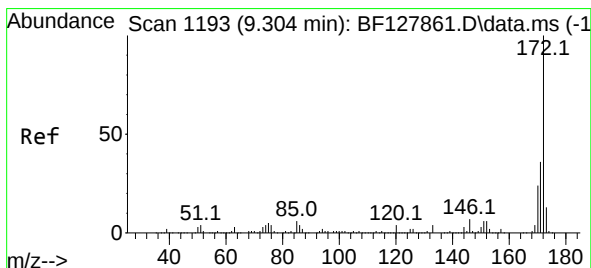
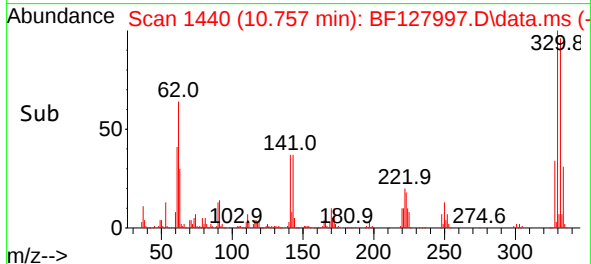
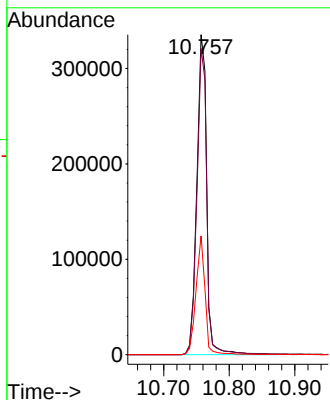


#42  
2,4,6-Tribromophenol  
Concen: 146.660 ng  
RT: 10.757 min Scan# 1444  
Delta R.T. -0.012 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

Instrument :  
BNA\_F  
ClientSampleId :  
WC-3

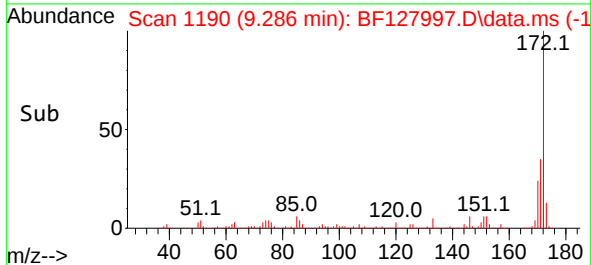
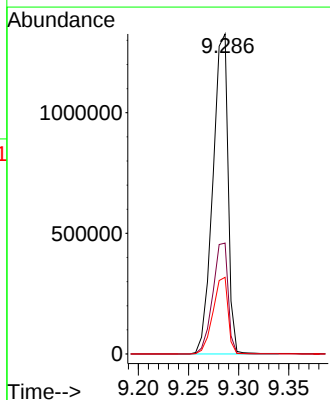
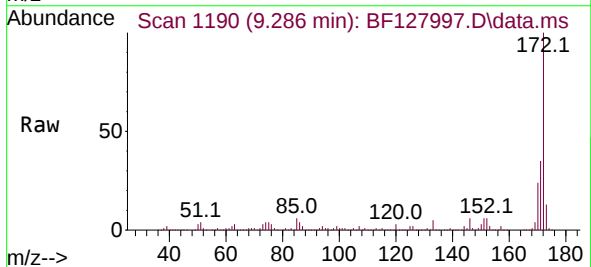


Tgt Ion:330 Resp: 351706  
Ion Ratio Lower Upper  
330 100  
332 95.6 79.0 118.4  
141 34.3 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 99.529 ng  
RT: 9.286 min Scan# 1190  
Delta R.T. -0.006 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

Tgt Ion:172 Resp: 1401504  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.6 42.8  
170 24.0 19.1 28.7

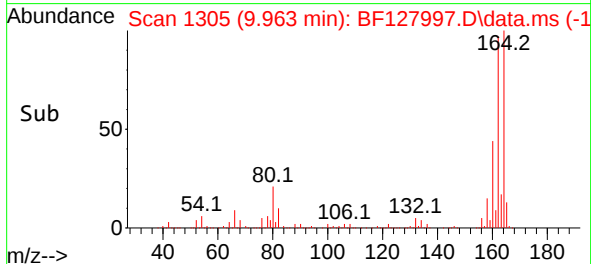
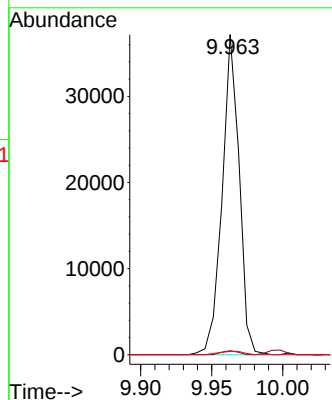
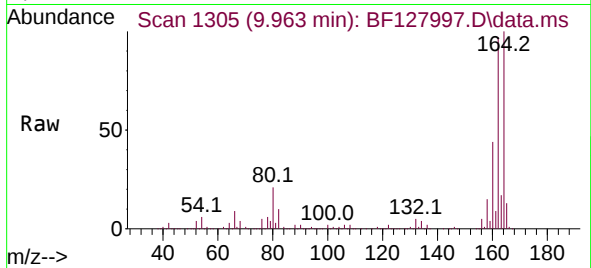




#51  
2,6-Dinitrotoluene  
Concen: 8.933 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. 0.200 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

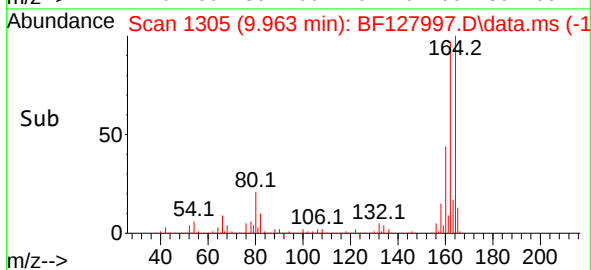
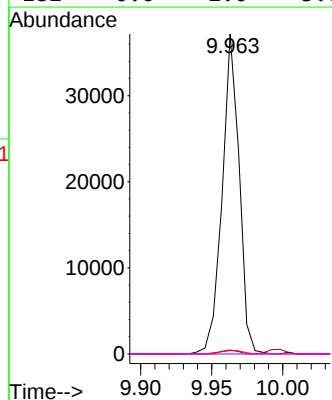
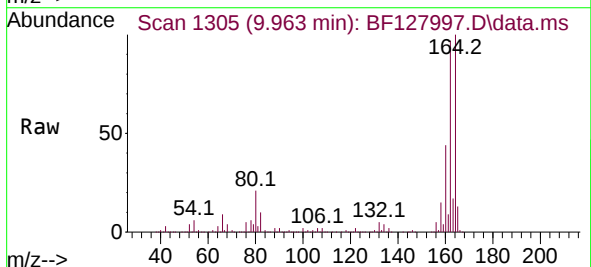
Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:165 Resp: 30901  
Ion Ratio Lower Upper  
165 100  
63 1.3 49.5 74.3#  
89 1.0 49.0 73.4#



#57  
2,4-Dinitrotoluene  
Concen: 6.744 ng  
RT: 9.963 min Scan# 1305  
Delta R.T. -0.200 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

Tgt Ion:165 Resp: 30901  
Ion Ratio Lower Upper  
165 100  
63 1.3 32.6 49.0#  
89 1.0 55.2 82.8#  
182 0.0 2.0 3.0#

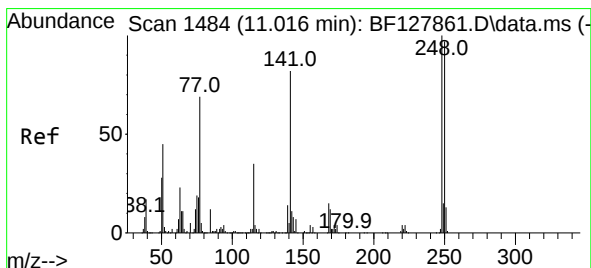
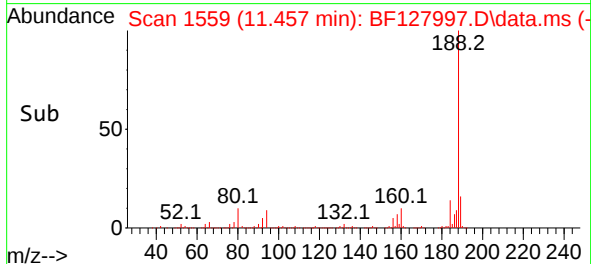
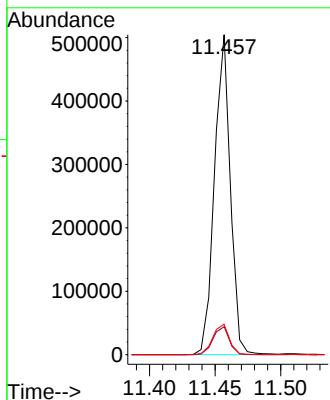
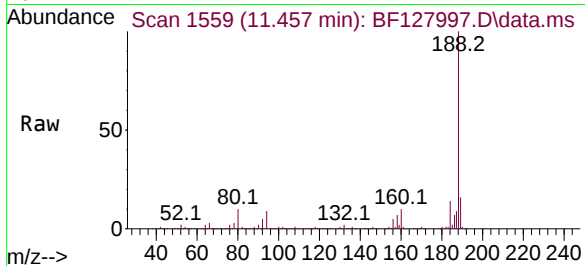




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.457 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

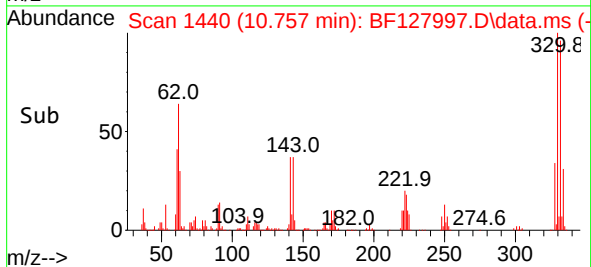
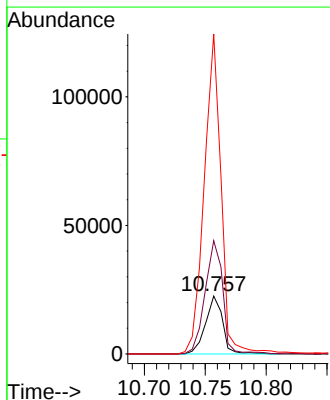
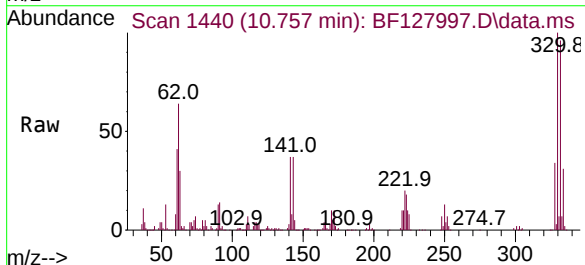
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3

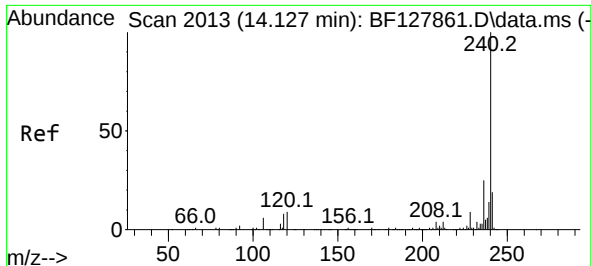
Tgt Ion:188 Resp: 423721  
Ion Ratio Lower Upper  
188 100  
94 8.7 8.0 12.0  
80 9.5 8.9 13.3



#67  
4-Bromophenyl-phenylether  
Concen: 4.680 ng  
RT: 10.757 min Scan# 1440  
Delta R.T. -0.253 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

Tgt Ion:248 Resp: 21984  
Ion Ratio Lower Upper  
248 100  
250 195.6 77.7 116.5#  
141 552.9 65.6 98.4#

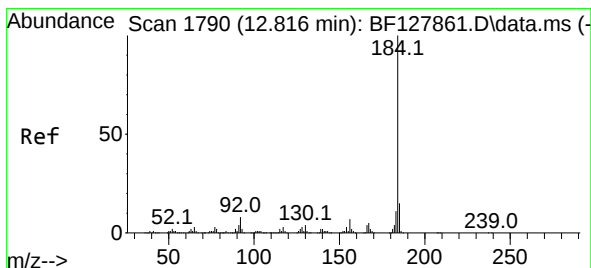
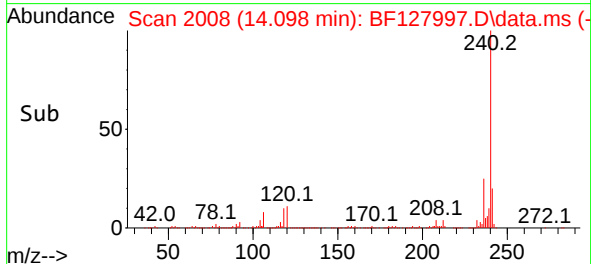
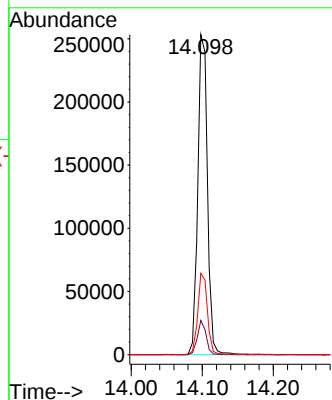
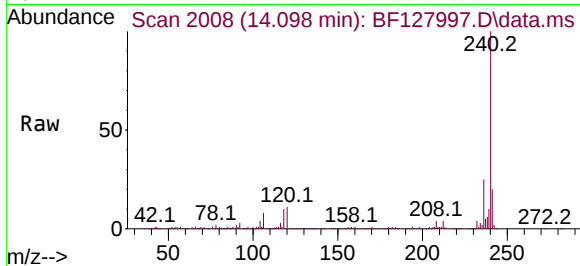




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.098 min Scan# 2013  
Delta R.T. -0.018 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

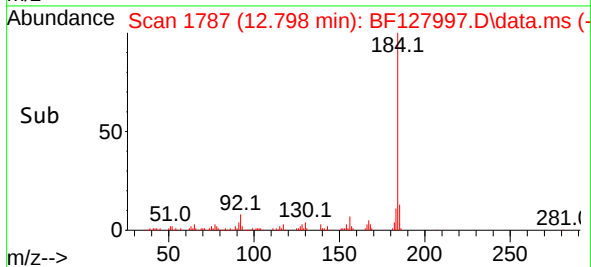
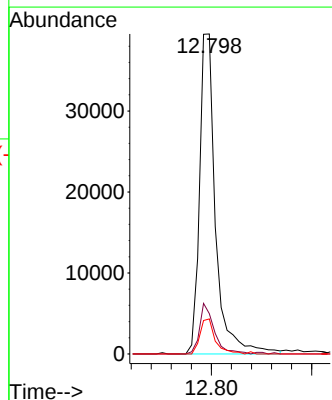
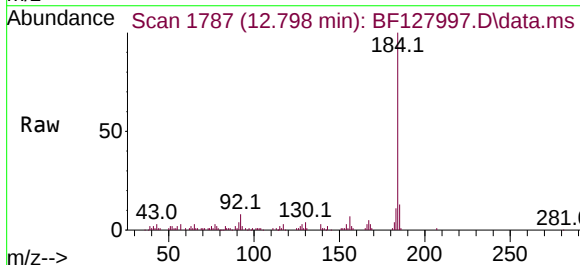
Instrument :  
BNA\_F  
ClientSampleId :  
WC-3

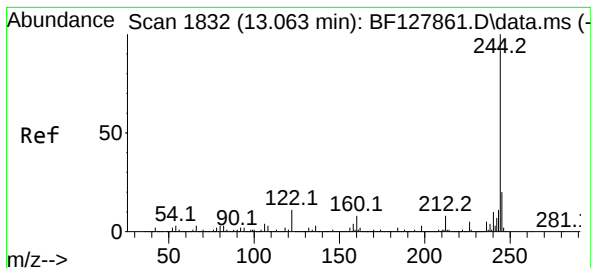
Tgt Ion:240 Resp: 240367  
Ion Ratio Lower Upper  
240 100  
120 10.7 7.0 10.6#  
236 25.4 20.3 30.5



#77  
Benzidine  
Concen: 9.701 ng  
RT: 12.798 min Scan# 1787  
Delta R.T. -0.006 min  
Lab File: BF127997.D  
Acq: 29 Apr 2022 16:20

Tgt Ion:184 Resp: 44122  
Ion Ratio Lower Upper  
184 100  
185 12.6 12.1 18.1  
183 11.0 9.0 13.4





#79

Terphenyl-d14

Concen: 112.397 ng

RT: 13.045 min Scan# 1829

Delta R.T. -0.012 min

Lab File: BF127997.D

Acq: 29 Apr 2022 16:20

Instrument :

BNA\_F

ClientSampleId :

WC-3

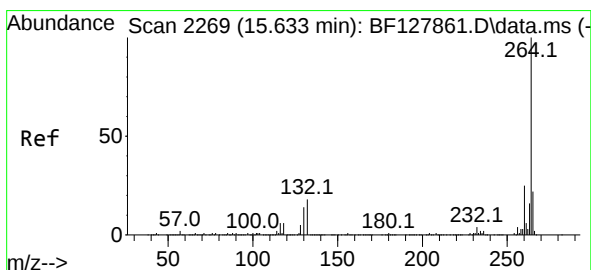
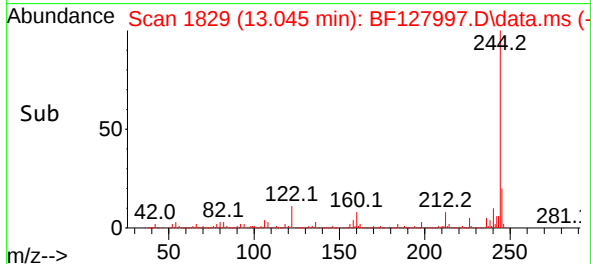
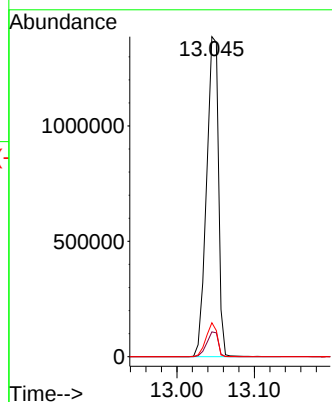
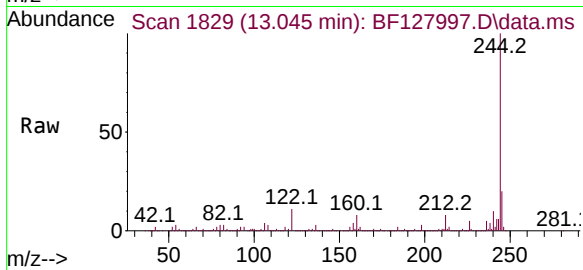
Tgt Ion:244 Resp: 1477478

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.4

122 10.6 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.610 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF127997.D

Acq: 29 Apr 2022 16:20

Tgt Ion:264 Resp: 225761

Ion Ratio Lower Upper

264 100

260 23.9 20.1 30.1

265 21.0 17.5 26.3

