

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041222\  
 Data File : BF127762.D  
 Acq On : 12 Apr 2022 17:02  
 Operator : CG\JU  
 Sample : N2364-08  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09-COMP

Quant Time: Apr 13 07:24:41 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 07:19:18 2022  
 Response via : Initial Calibration

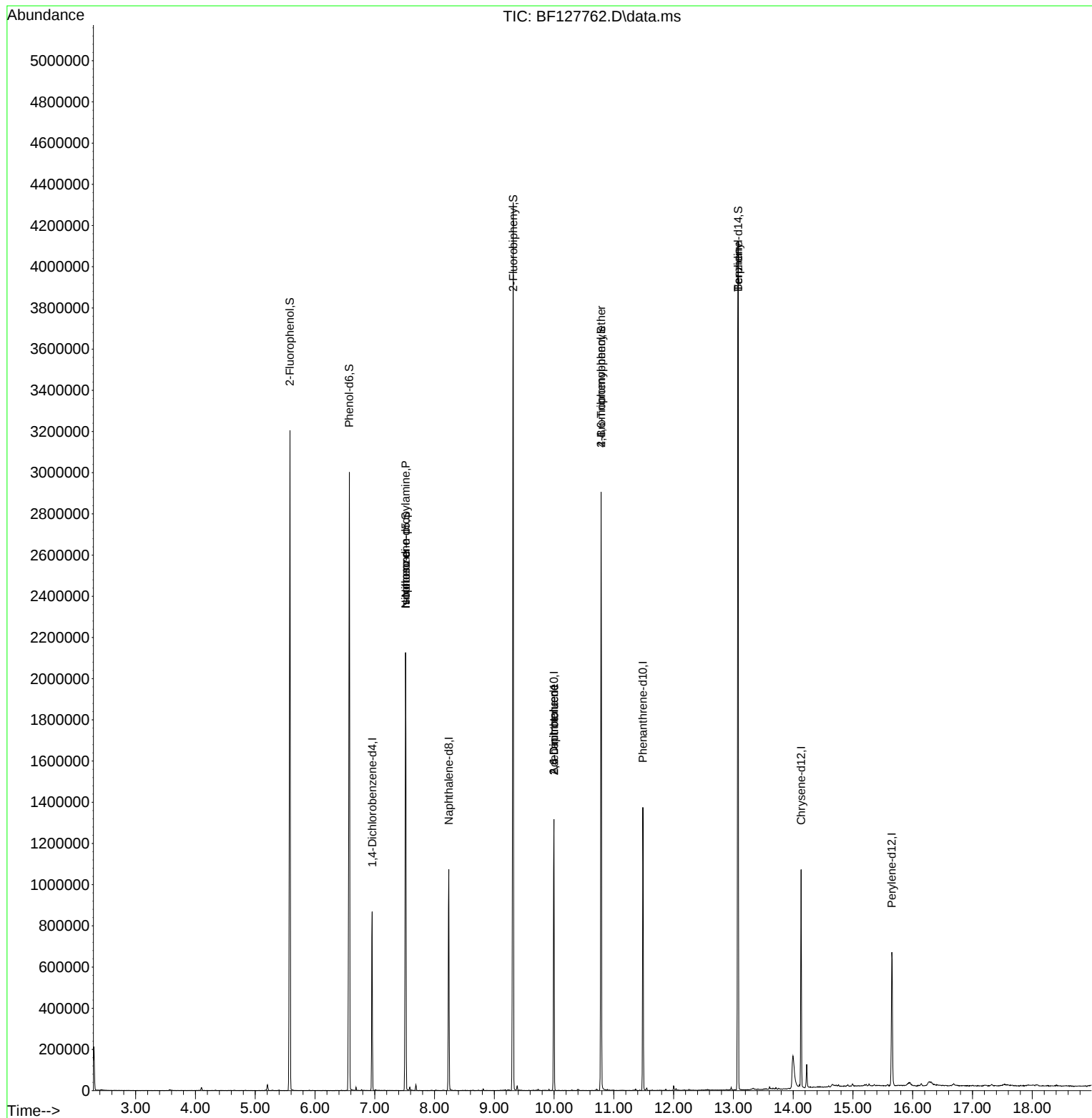
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.957  | 152  | 123181   | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.239  | 136  | 457022   | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.998  | 164  | 267771   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.486 | 188  | 494120   | 20.000    | ng    | 0.00     |
| 76) Chrysene-d12              | 14.133 | 240  | 349317   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.651 | 264  | 322014   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.581  | 112  | 820724   | 108.263   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.575  | 99   | 1047339  | 105.607   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.516  | 82   | 748084   | 72.974    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 346049   | 121.443   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.316  | 172  | 1348990  | 71.269    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.080 | 244  | 1508455  | 71.278    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.575  | 77   | 1926     | Below Cal | #     | 7        |
| 19) n-Nitroso-di-n-propyla... | 7.516  | 70   | 99697    | 15.543    | ng    | # 75     |
| 25) Isophorone                | 7.516  | 82   | 748216   | 41.828    | ng    | # 70     |
| 51) 2,6-Dinitrotoluene        | 9.998  | 165  | 34266    | 9.366     | ng    | # 17     |
| 57) 2,4-Dinitrotoluene        | 9.998  | 165  | 34266    | 7.554     | ng    | # 13     |
| 67) 4-Bromophenyl-phenylether | 10.786 | 248  | 22248    | 3.710     | ng    | # 1      |
| 77) Benizidine                | 13.080 | 184  | 20911    | 2.294     | ng    | # 91     |
| -----                         |        |      |          |           |       |          |

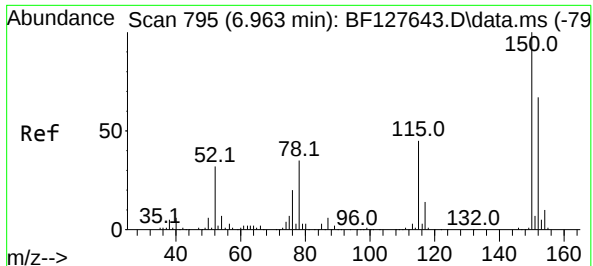
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041222\  
Data File : BF127762.D  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_F  
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
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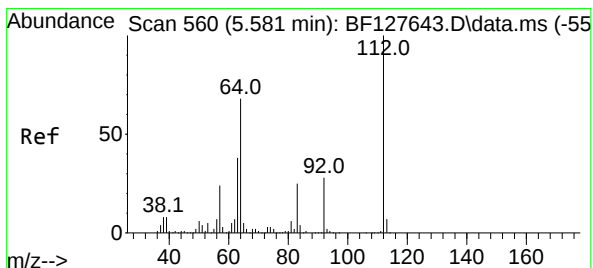
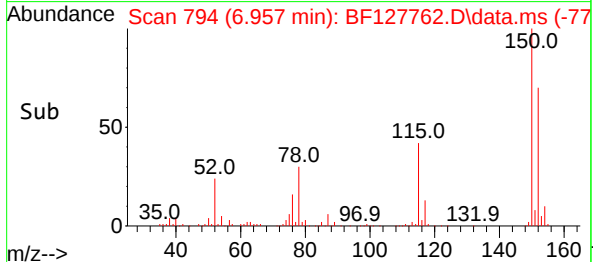
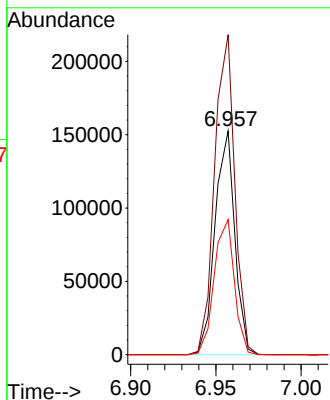
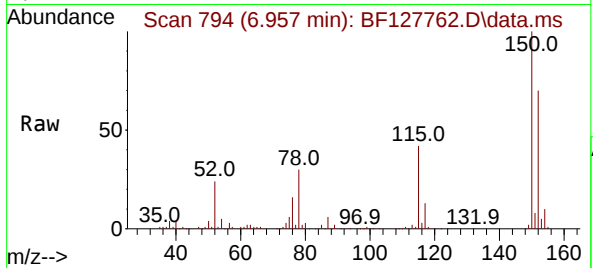




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.957 min Scan# 795  
 Delta R.T. 0.000 min  
 Lab File: BF127762.D  
 Acq: 12 Apr 2022 17:02

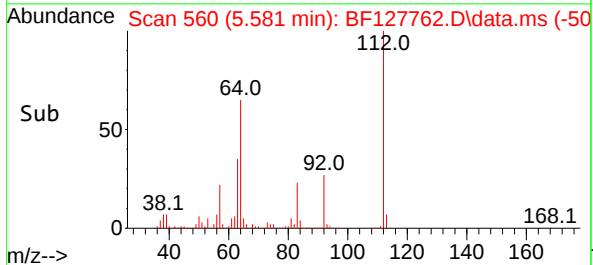
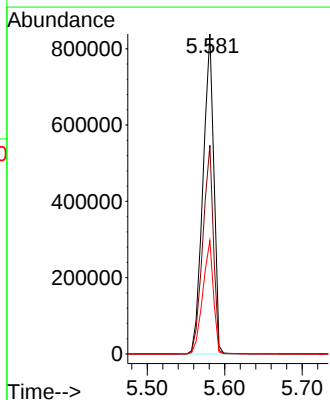
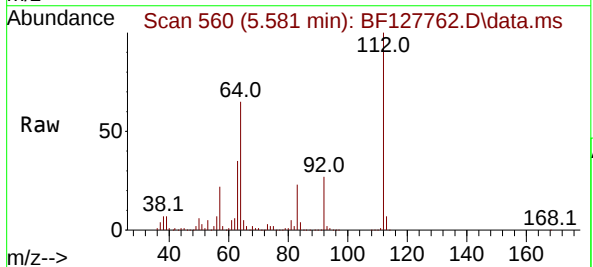
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09-COMP

Tgt Ion:152 Resp: 123181  
 Ion Ratio Lower Upper  
 152 100  
 150 143.1 117.2 175.8  
 115 60.5 49.8 74.6



#5  
 2-Fluorophenol  
 Concen: 108.263 ng  
 RT: 5.581 min Scan# 560  
 Delta R.T. -0.000 min  
 Lab File: BF127762.D  
 Acq: 12 Apr 2022 17:02

Tgt Ion:112 Resp: 820724  
 Ion Ratio Lower Upper  
 112 100  
 64 65.2 58.4 87.6  
 63 35.5 30.1 45.1

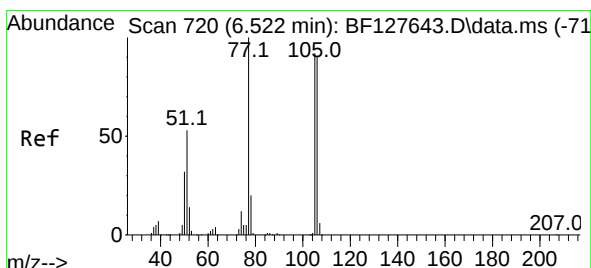
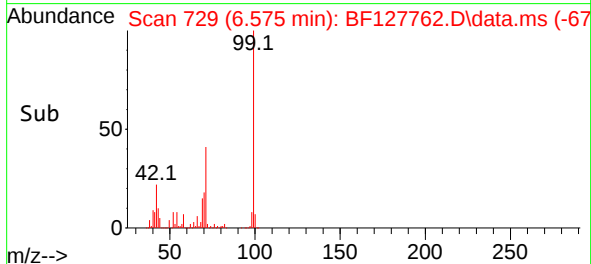
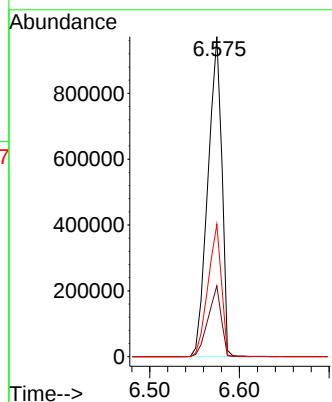
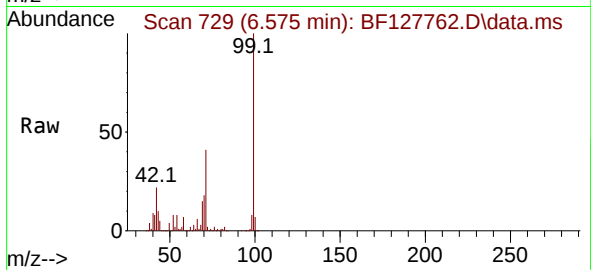




#7  
Phenol-d6  
Concen: 105.607 ng  
RT: 6.575 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

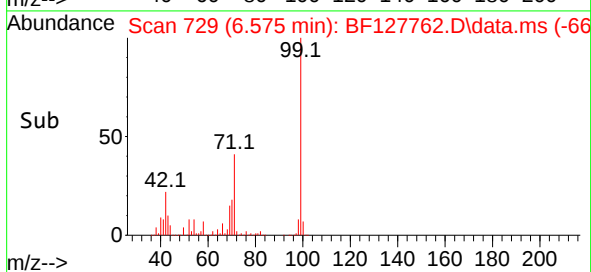
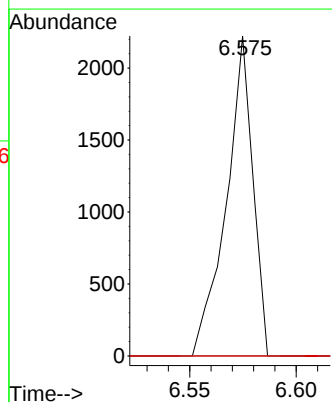
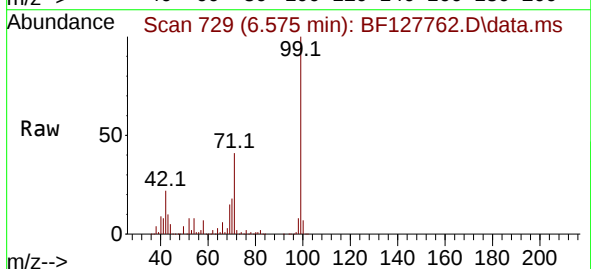
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-COMP

Tgt Ion: 99 Resp: 1047339  
Ion Ratio Lower Upper  
99 100  
42 22.2 17.8 26.6  
71 41.4 29.6 44.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.575 min Scan# 729  
Delta R.T. 0.059 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

Tgt Ion: 77 Resp: 1926  
Ion Ratio Lower Upper  
77 100  
105 0.0 66.8 106.8#  
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 15.543 ng

RT: 7.516 min Scan# 81

Delta R.T. 0.147 min

Lab File: BF127762.D

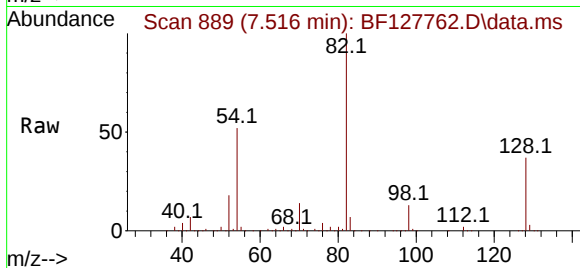
Acq: 12 Apr 2022 17:02

Instrument :

BNA\_F

ClientSampleId :

SB-09-COMP



Tgt Ion: 70 Resp: 99697

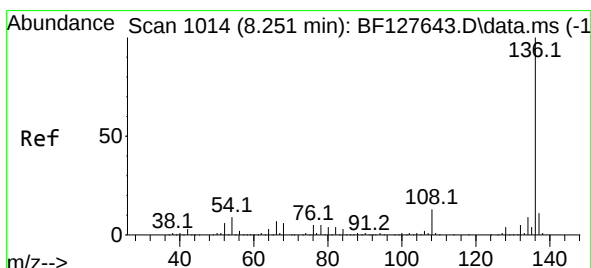
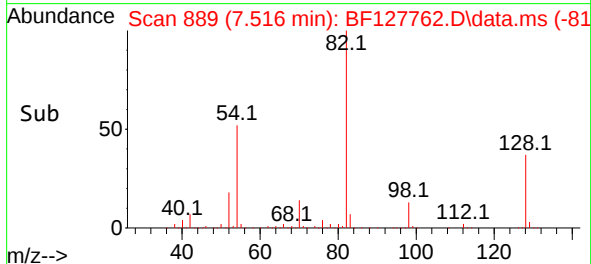
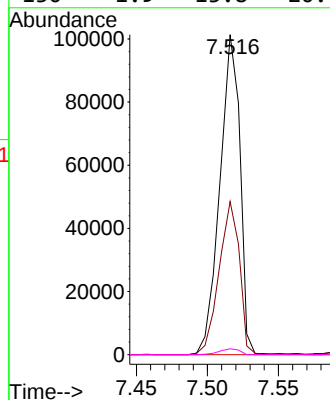
Ion Ratio Lower Upper

70 100

42 47.9 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.239 min Scan# 1012

Delta R.T. -0.006 min

Lab File: BF127762.D

Acq: 12 Apr 2022 17:02

Tgt Ion: 136 Resp: 457022

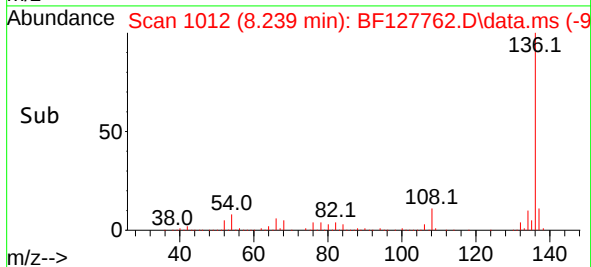
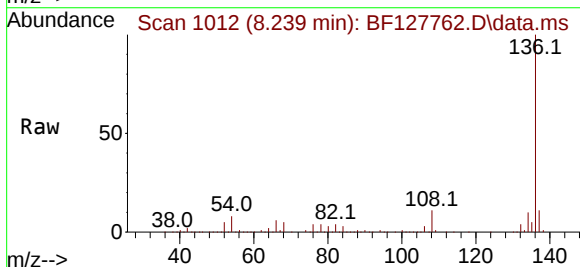
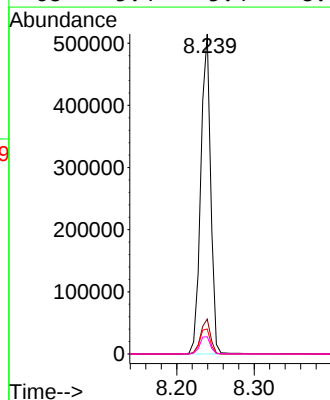
Ion Ratio Lower Upper

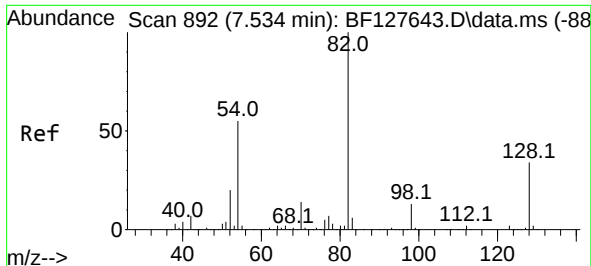
136 100

137 10.9 8.6 13.0

54 7.8 9.2 13.8#

68 5.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 72.974 ng

RT: 7.516 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF127762.D

Acq: 12 Apr 2022 17:02

Instrument :

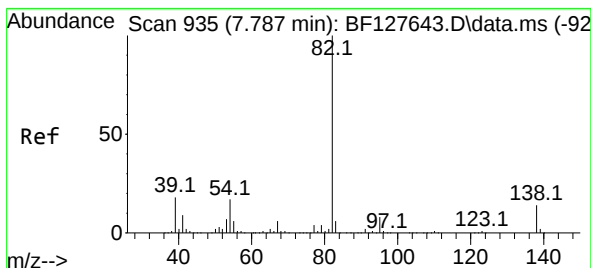
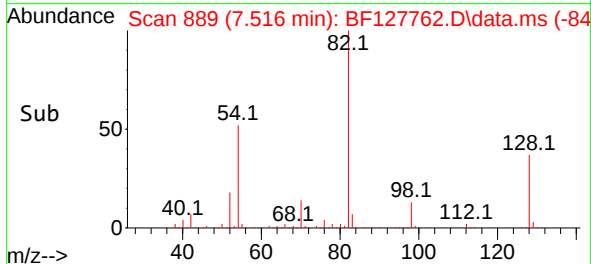
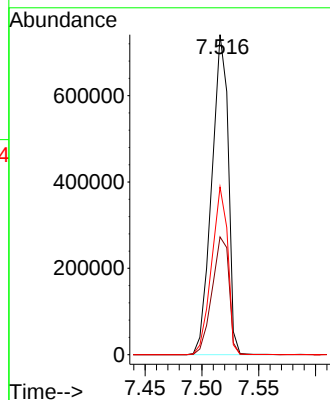
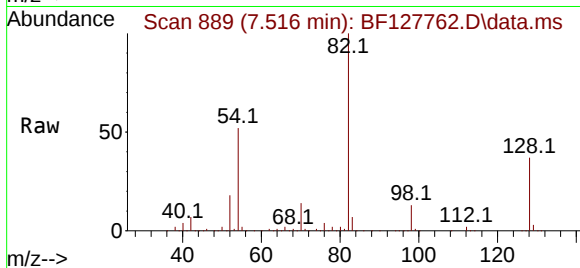
BNA\_F

ClientSampleId :

SB-09-COMP

Tgt Ion: 82 Resp: 748084

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.8  | 30.6  | 45.8  |
| 54  | 52.4  | 48.2  | 72.2  |



#25

Isophorone

Concen: 41.828 ng

RT: 7.516 min Scan# 889

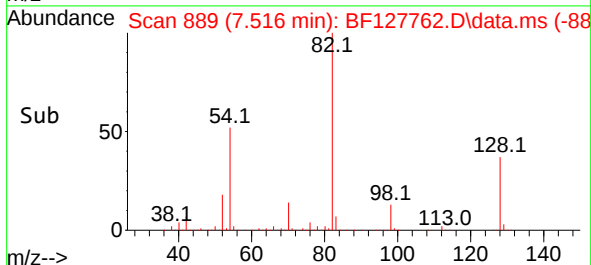
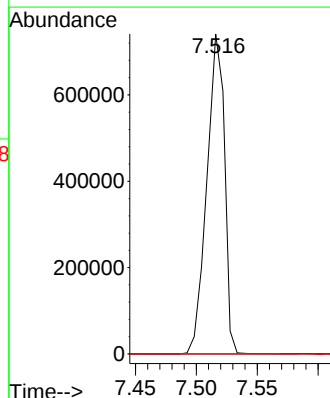
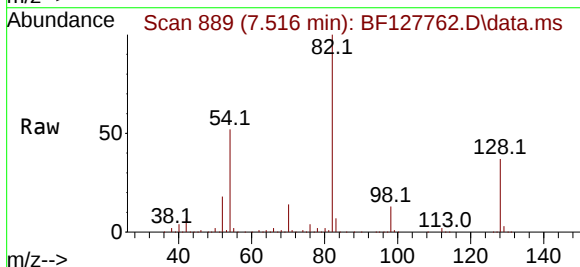
Delta R.T. -0.265 min

Lab File: BF127762.D

Acq: 12 Apr 2022 17:02

Tgt Ion: 82 Resp: 748216

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 0.0   | 5.8   | 8.8#  |
| 138 | 0.0   | 11.6  | 17.4# |

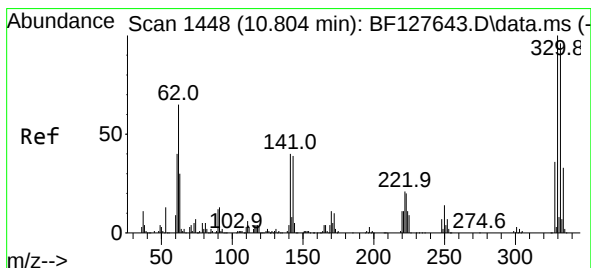
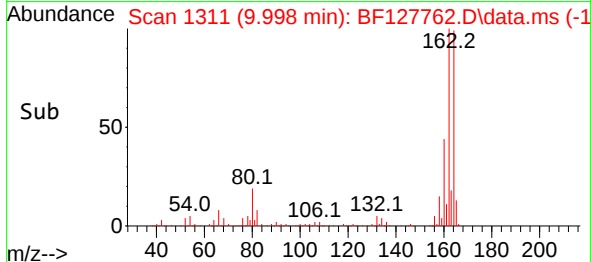
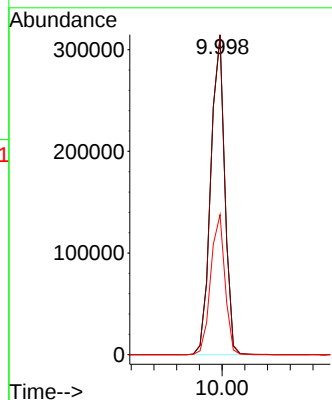
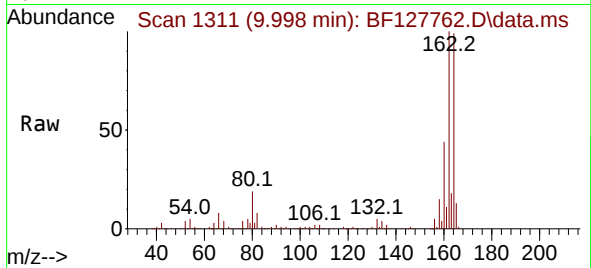




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

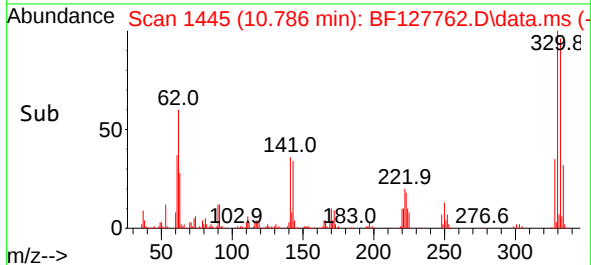
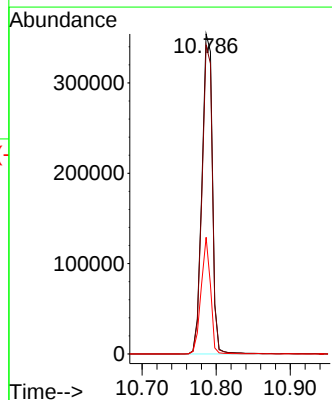
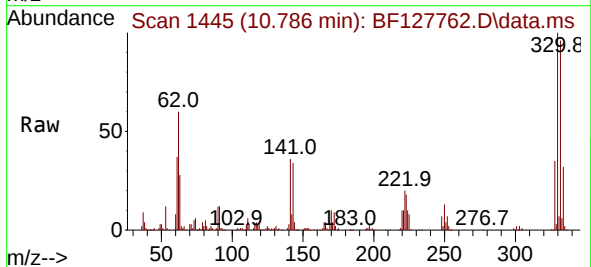
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-COMP

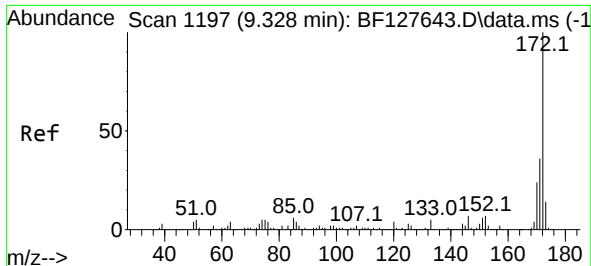
Tgt Ion:164 Resp: 267771  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.2 121.8  
160 44.1 34.6 52.0



#42  
2,4,6-Tribromophenol  
Concen: 121.443 ng  
RT: 10.786 min Scan# 1445  
Delta R.T. -0.006 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

Tgt Ion:330 Resp: 346049  
Ion Ratio Lower Upper  
330 100  
332 96.1 79.1 118.7  
141 32.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 71.269 ng

RT: 9.316 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF127762.D

Acq: 12 Apr 2022 17:02

Instrument :

BNA\_F

ClientSampleId :

SB-09-COMP

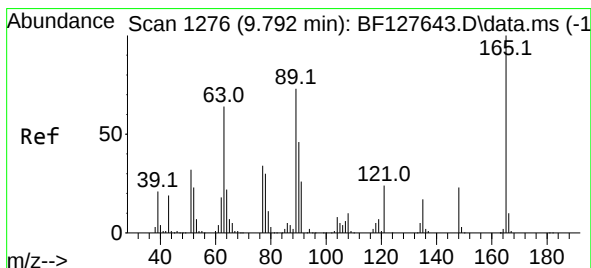
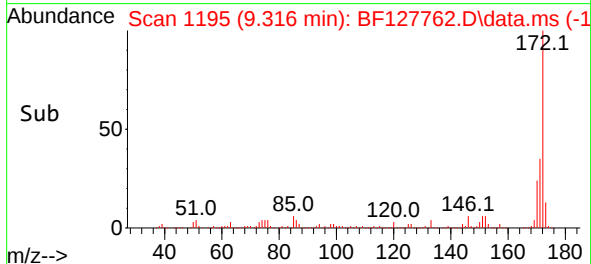
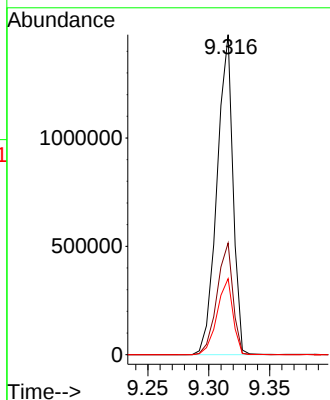
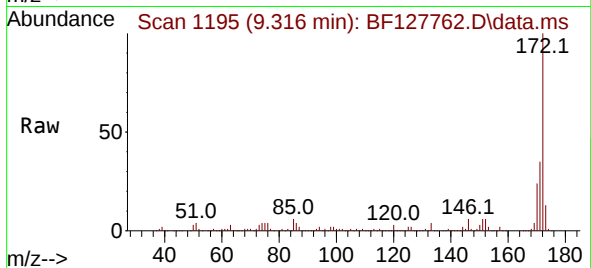
Tgt Ion:172 Resp: 1348990

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.7 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.366 ng

RT: 9.998 min Scan# 1311

Delta R.T. 0.218 min

Lab File: BF127762.D

Acq: 12 Apr 2022 17:02

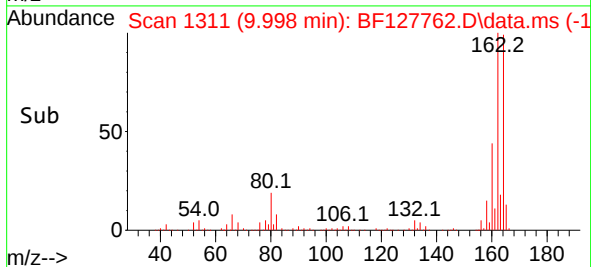
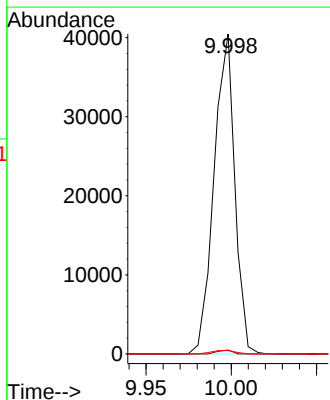
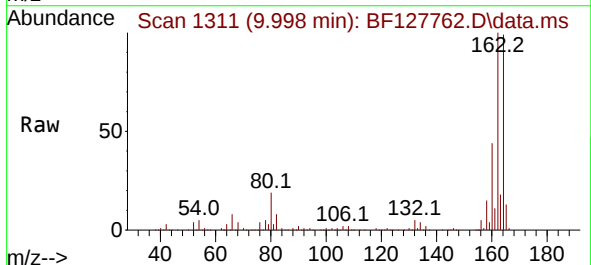
Tgt Ion:165 Resp: 34266

Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

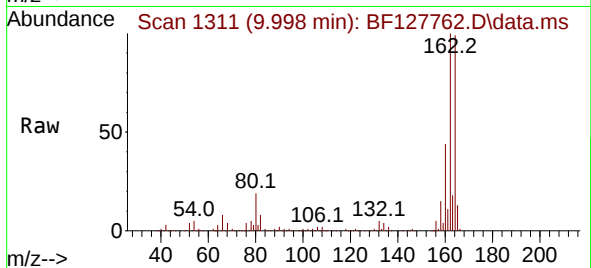
89 1.1 51.5 77.3#



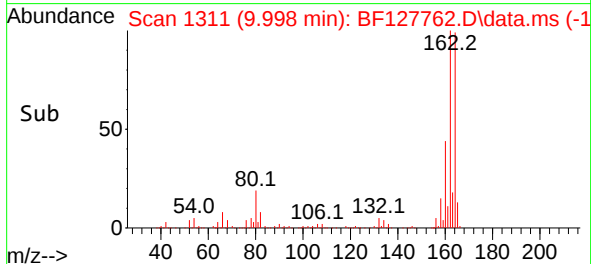
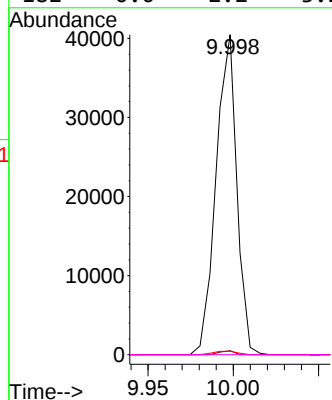


#57  
2,4-Dinitrotoluene  
Concen: 7.554 ng  
RT: 9.998 min Scan# 11  
Delta R.T. -0.188 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-COMP

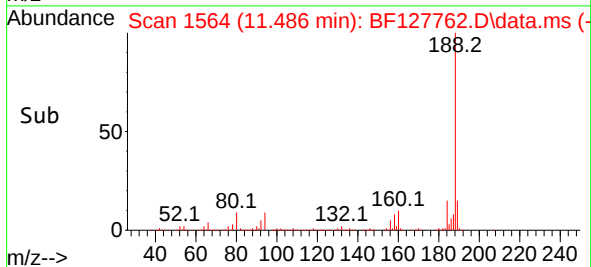
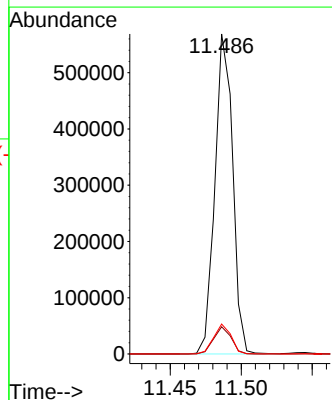
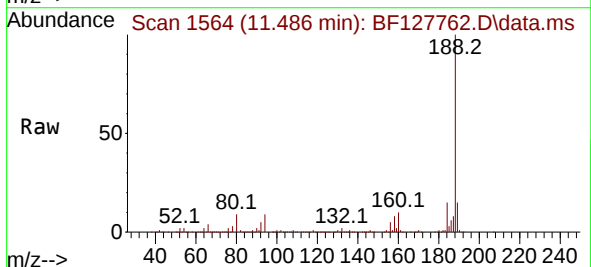


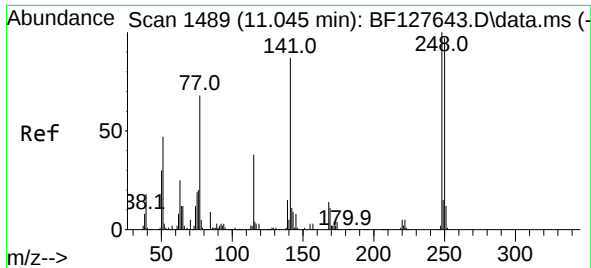
Tgt Ion:165 Resp: 34266  
Ion Ratio Lower Upper  
165 100  
63 1.3 53.1 79.7#  
89 1.1 69.2 103.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.486 min Scan# 1564  
Delta R.T. -0.006 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

Tgt Ion:188 Resp: 494120  
Ion Ratio Lower Upper  
188 100  
94 8.5 7.4 11.0  
80 9.3 8.0 12.0

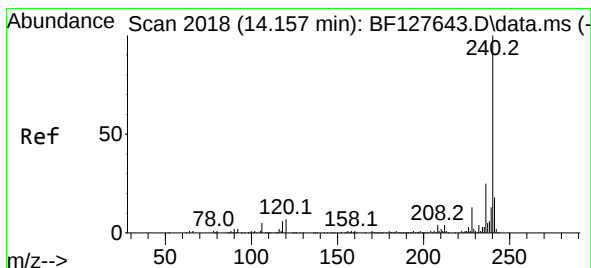
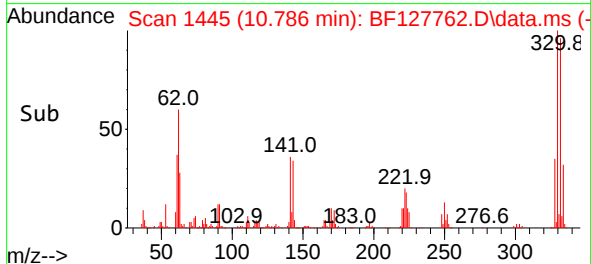
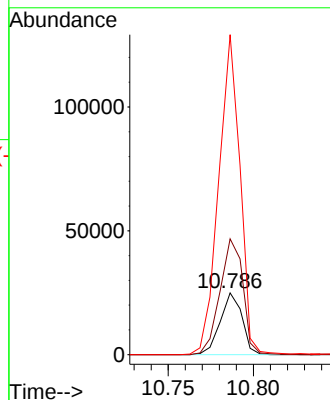
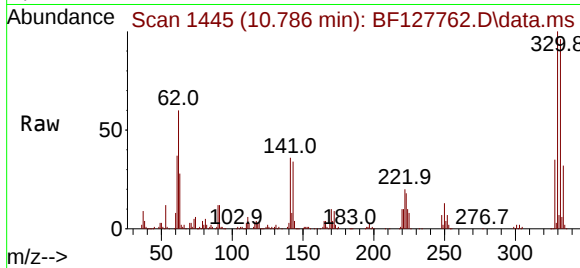




#67  
4-Bromophenyl-phenylether  
Concen: 3.710 ng  
RT: 10.786 min Scan# 1489  
Delta R.T. -0.247 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

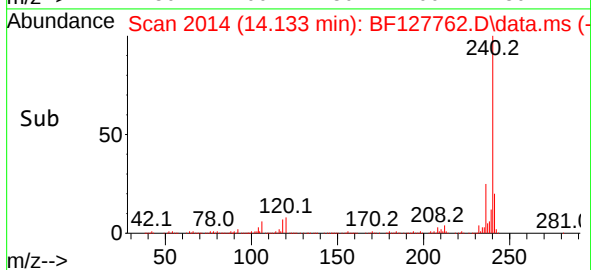
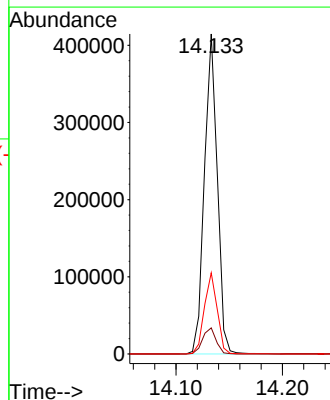
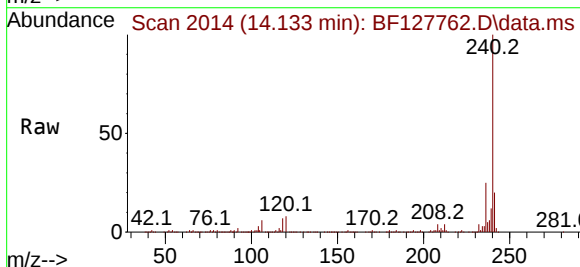
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-COMP

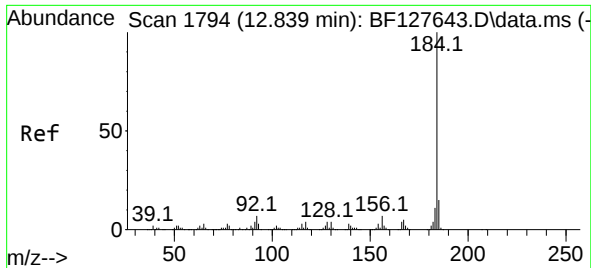
Tgt Ion:248 Resp: 22248  
Ion Ratio Lower Upper  
248 100  
250 187.5 76.6 115.0#  
141 517.6 52.2 78.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.133 min Scan# 2014  
Delta R.T. -0.006 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

Tgt Ion:240 Resp: 349317  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.1 10.7  
236 25.3 20.7 31.1

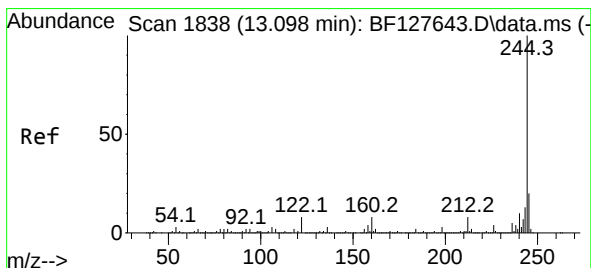
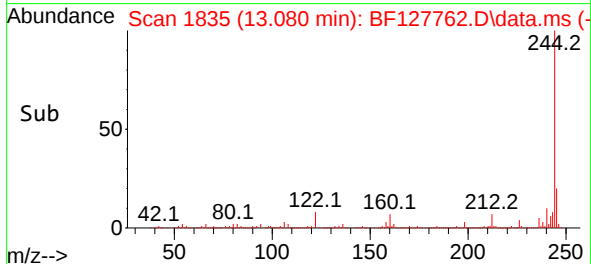
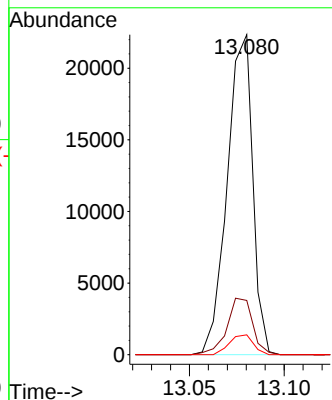
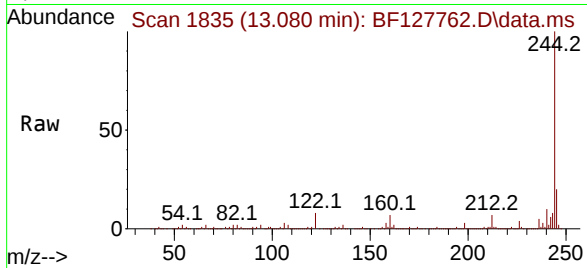




#77  
Benzidine  
Concen: 2.294 ng  
RT: 13.080 min Scan# 1835  
Delta R.T. 0.253 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

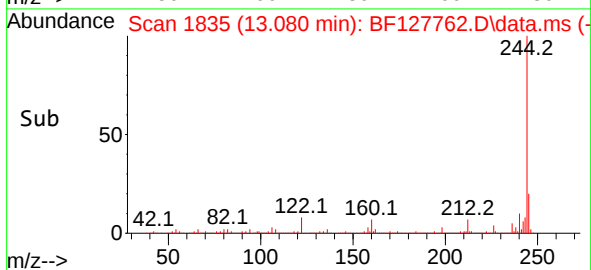
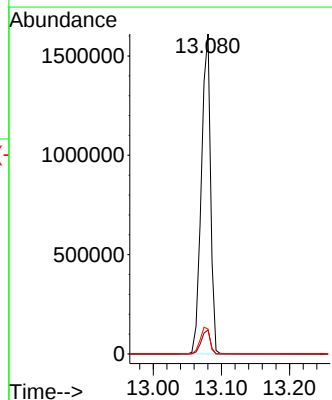
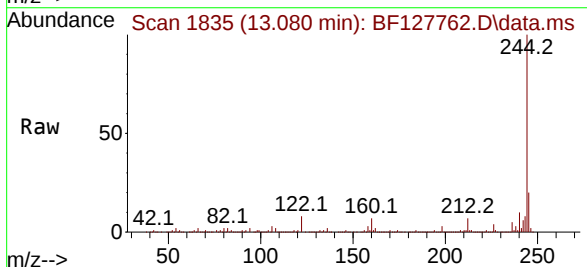
Instrument :  
BNA\_F  
ClientSampleId :  
SB-09-COMP

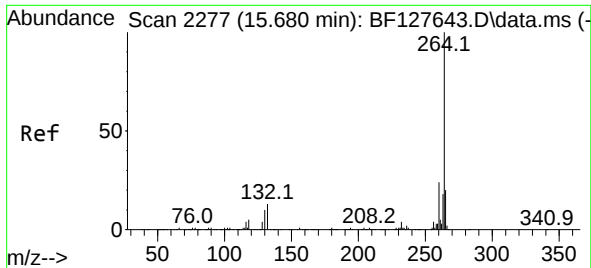
Tgt Ion:184 Resp: 20911  
Ion Ratio Lower Upper  
184 100  
185 17.0 12.2 18.2  
183 6.2 9.4 14.0#



#79  
Terphenyl-d14  
Concen: 71.278 ng  
RT: 13.080 min Scan# 1835  
Delta R.T. 0.000 min  
Lab File: BF127762.D  
Acq: 12 Apr 2022 17:02

Tgt Ion:244 Resp: 1508455  
Ion Ratio Lower Upper  
244 100  
212 7.5 5.7 8.5  
122 7.8 6.2 9.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.651 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BF127762.D  
 Acq: 12 Apr 2022 17:02

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-09-COMP

Tgt Ion:264 Resp: 322014  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 19.1 28.7  
 265 21.7 17.4 26.2

