

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
 Data File : BF128296.D  
 Acq On : 17 May 2022 17:43  
 Operator : CG\JU  
 Sample : N2878-11  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS021-0006-01

Quant Time: May 18 01:34:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 01:31:11 2022  
 Response via : Initial Calibration

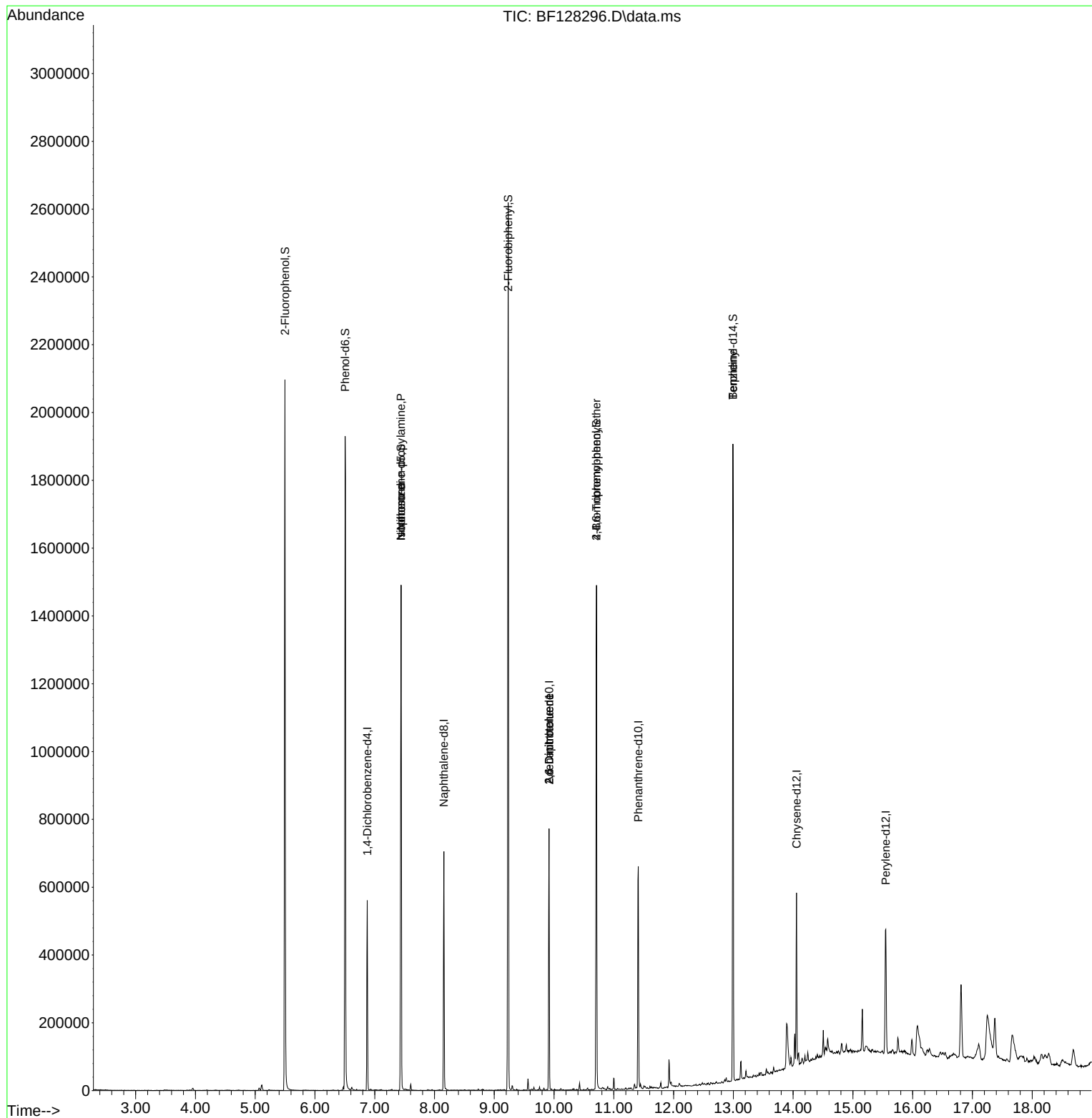
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 68964    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 266226   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 145759   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 239485   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.057 | 240  | 162347   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 167589   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 492282   | 113.793   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 638590   | 111.604   | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 460252   | 77.790    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 166535   | 99.621    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 723897   | 77.709    | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.992 | 244  | 618166   | 71.448    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.440  | 77   | 253      | Below Cal |       | 93       |
| 19) n-Nitroso-di-n-propyla... | 7.440  | 70   | 63141    | 17.919 ng | #     | 82       |
| 25) Isophorone                | 7.440  | 82   | 460247   | 49.618 ng | #     | 68       |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 18749    | 9.087 ng  | #     | 21       |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 18749    | 6.796 ng  | #     | 26       |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 10148    | 3.939 ng  | #     | 1        |
| 77) Benizidine                | 12.992 | 184  | 9176     | 2.610 ng  | #     | 91       |
| -----                         |        |      |          |           |       |          |

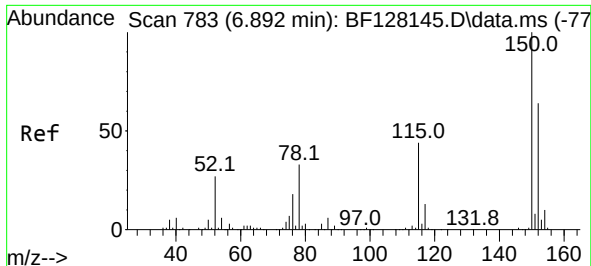
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
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Quant Time: May 18 01:34:21 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 18 01:31:11 2022  
Response via : Initial Calibration

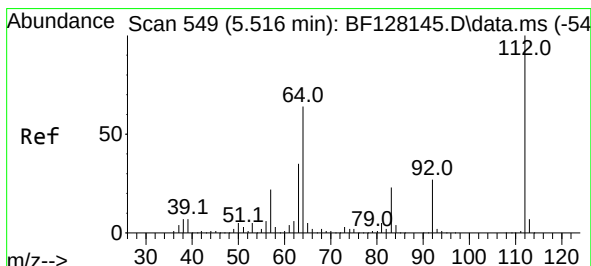
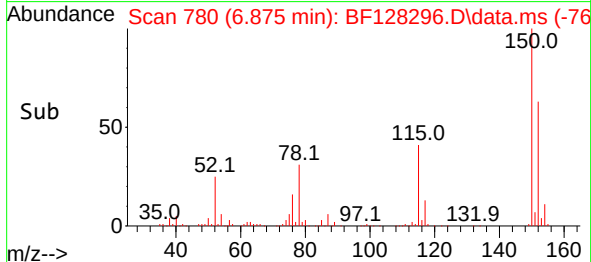
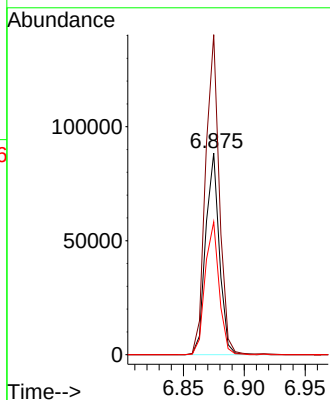
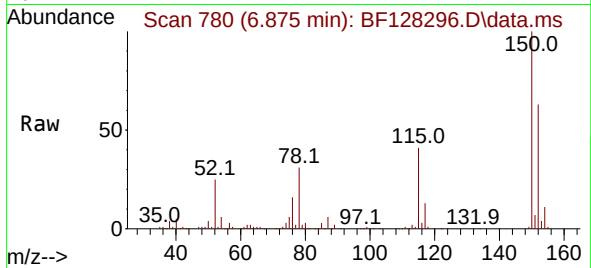




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

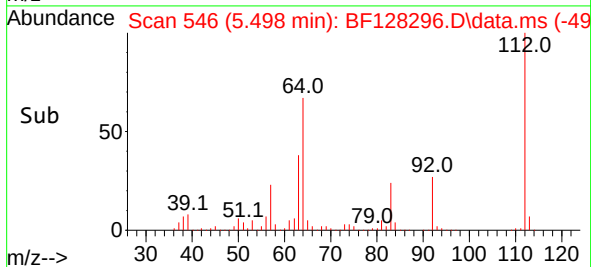
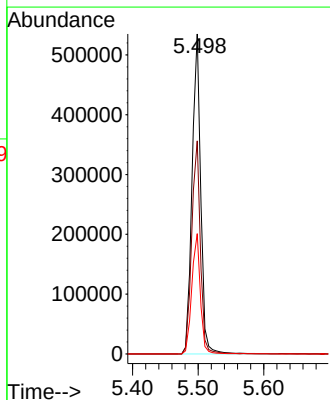
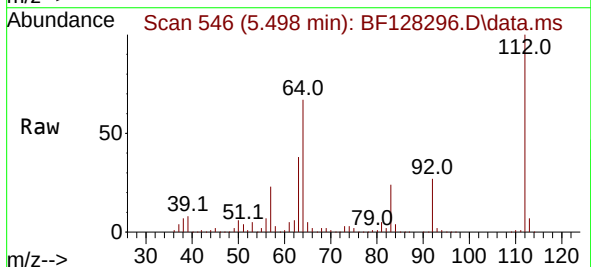
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS021-0006-01

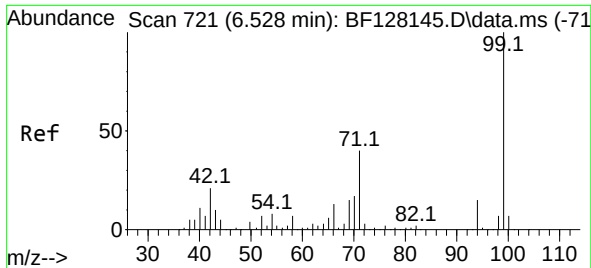
Tgt Ion:152 Resp: 68964  
Ion Ratio Lower Upper  
152 100  
150 158.7 125.3 187.9  
115 65.8 48.8 73.2



#5  
2-Fluorophenol  
Concen: 113.793 ng  
RT: 5.498 min Scan# 546  
Delta R.T. 0.000 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

Tgt Ion:112 Resp: 492282  
Ion Ratio Lower Upper  
112 100  
64 66.6 49.5 74.3  
63 37.6 26.3 39.5

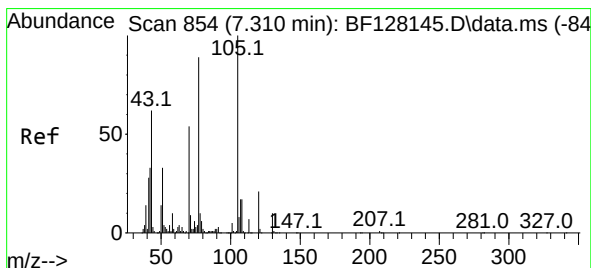
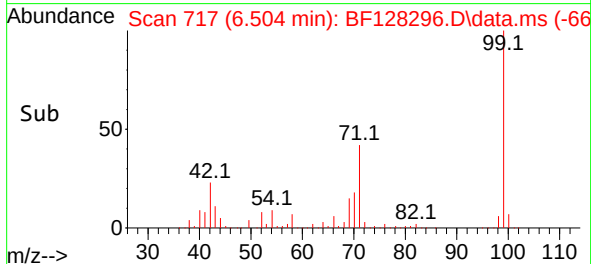
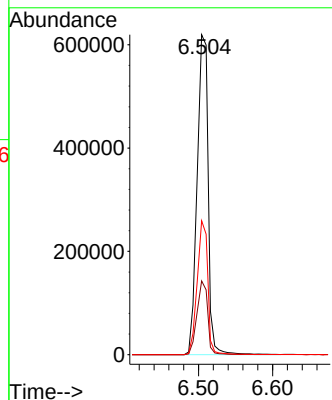
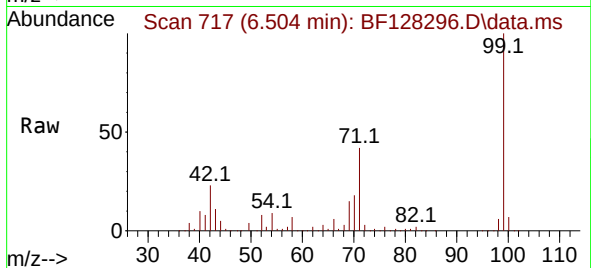




#7  
Phenol-d6  
Concen: 111.604 ng  
RT: 6.504 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

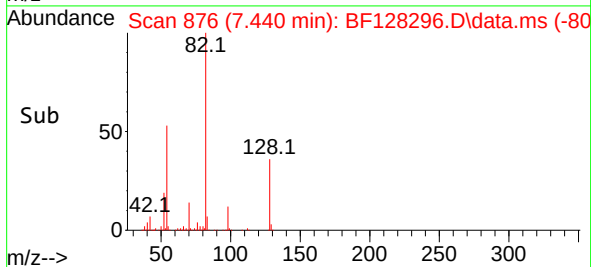
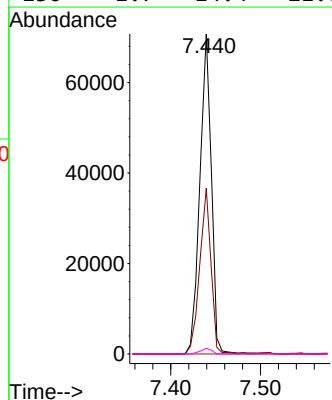
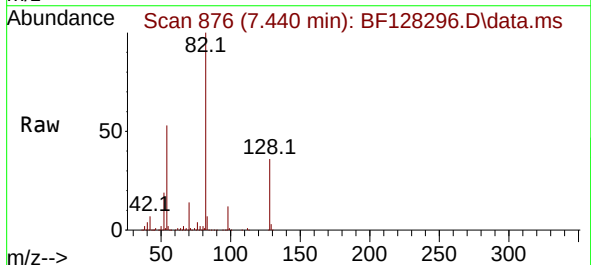
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS021-0006-01

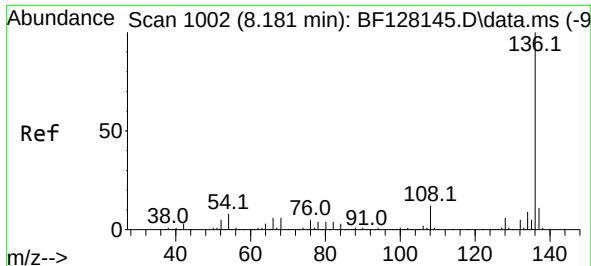
Tgt Ion: 99 Resp: 638590  
Ion Ratio Lower Upper  
99 100  
42 23.1 16.6 24.8  
71 41.9 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 17.919 ng  
RT: 7.440 min Scan# 876  
Delta R.T. 0.141 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

Tgt Ion: 70 Resp: 63141  
Ion Ratio Lower Upper  
70 100  
42 51.8 48.7 73.1  
101 0.0 7.2 10.8#  
130 1.7 14.4 21.6#

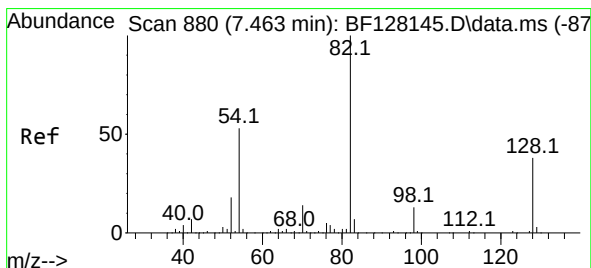
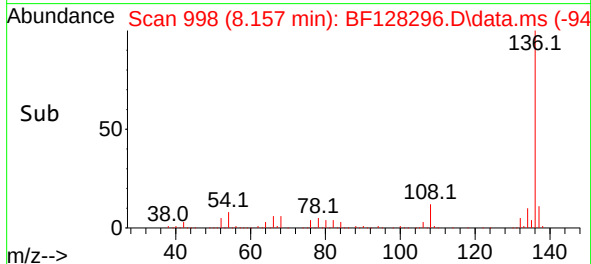
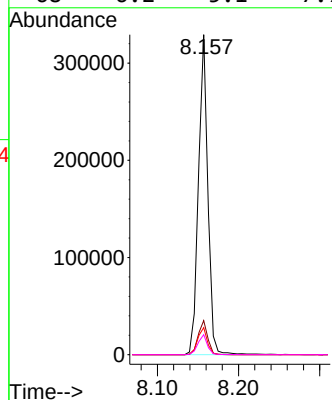
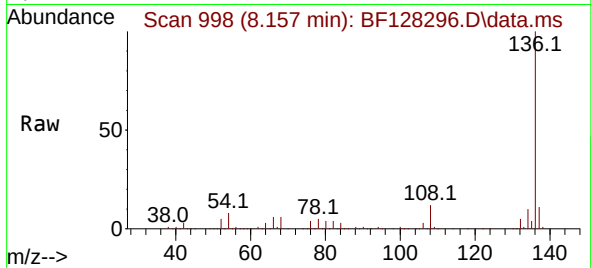




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

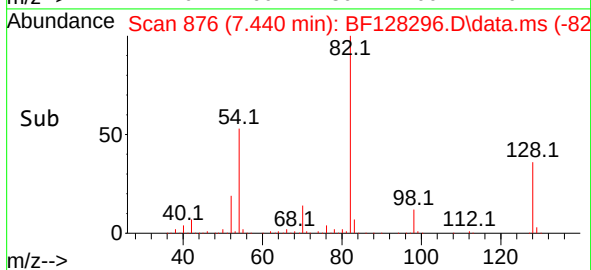
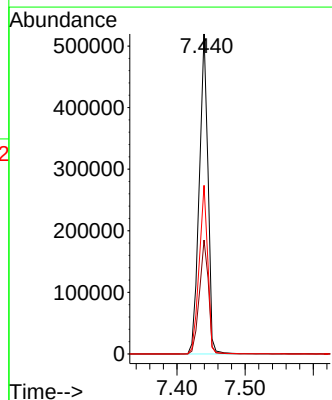
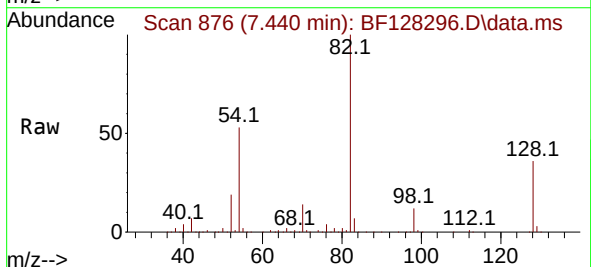
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS021-0006-01

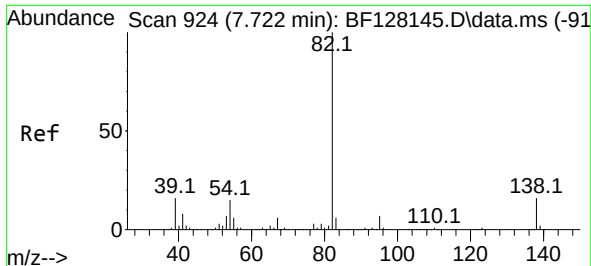
Tgt Ion:136 Resp: 266226  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 8.5 6.8 10.2  
68 6.2 5.1 7.7



#23  
Nitrobenzene-d5  
Concen: 77.790 ng  
RT: 7.440 min Scan# 876  
Delta R.T. -0.012 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

Tgt Ion: 82 Resp: 460252  
Ion Ratio Lower Upper  
82 100  
128 35.6 30.0 45.0  
54 52.7 41.3 61.9

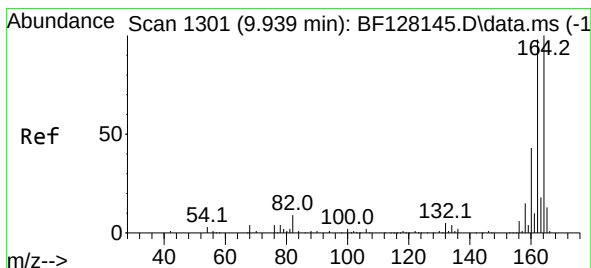
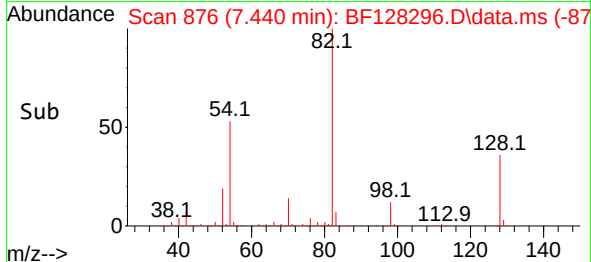
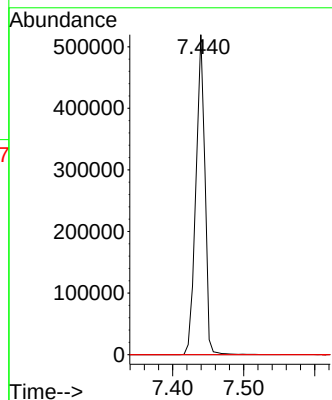
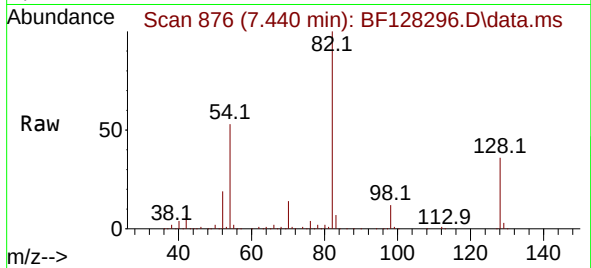




#25  
Isophorone  
Concen: 49.618 ng  
RT: 7.440 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

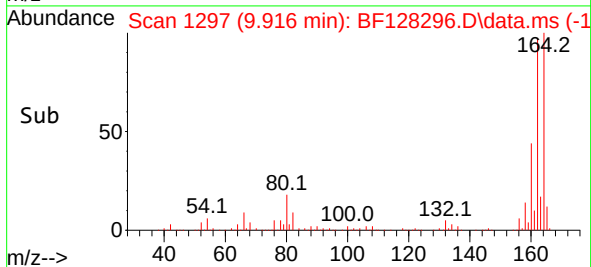
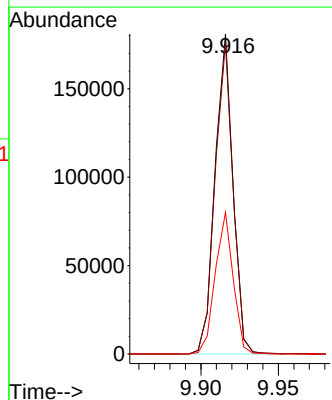
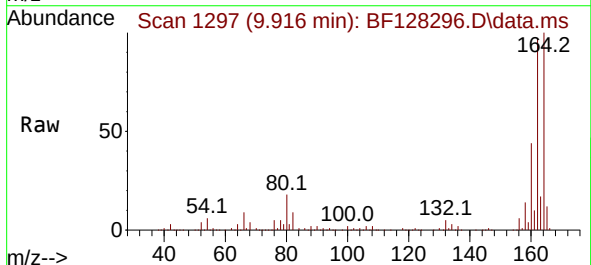
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ClientSampleId :  
P007-SS021-0006-01

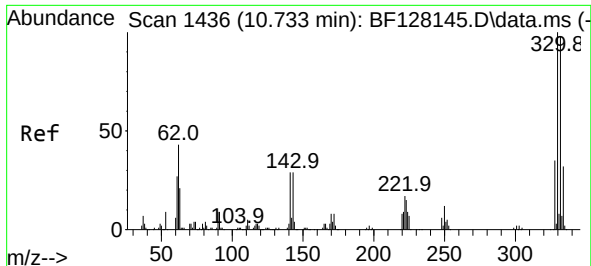
Tgt Ion: 82 Resp: 460247  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

Tgt Ion:164 Resp: 145759  
Ion Ratio Lower Upper  
164 100  
162 97.2 76.0 114.0  
160 44.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 99.621 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.006 min

Lab File: BF128296.D

Acq: 17 May 2022 17:43

Instrument :

BNA\_F

ClientSampleId :

P007-SS021-0006-01

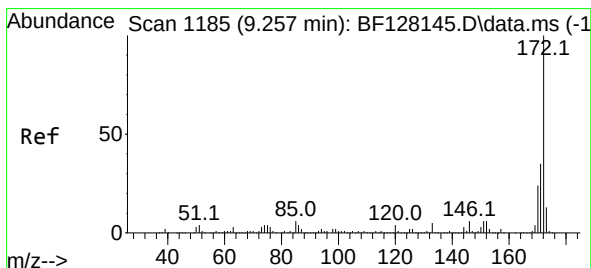
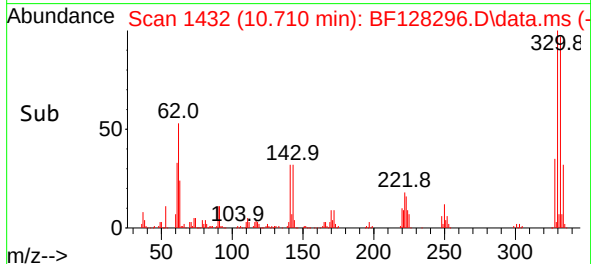
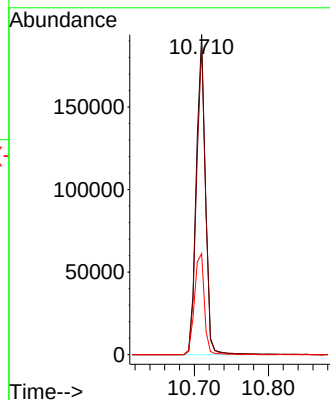
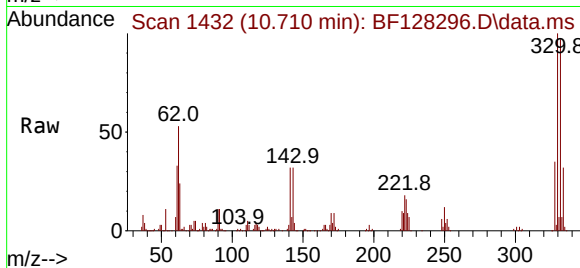
Tgt Ion:330 Resp: 166535

Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

141 34.0 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 77.709 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128296.D

Acq: 17 May 2022 17:43

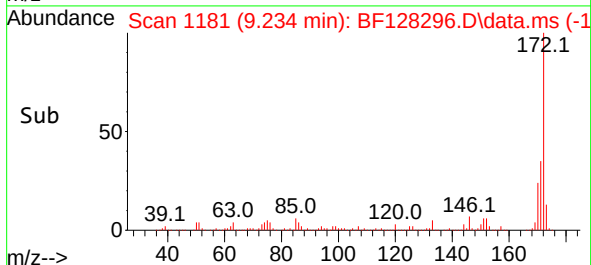
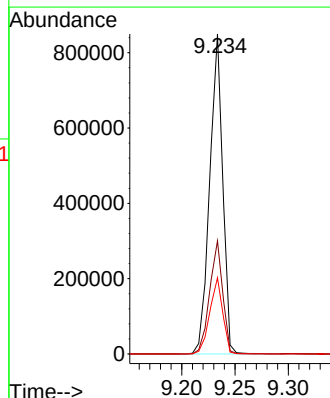
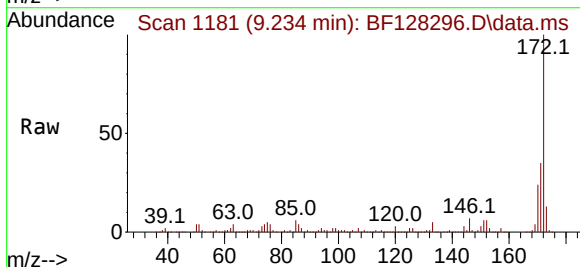
Tgt Ion:172 Resp: 723897

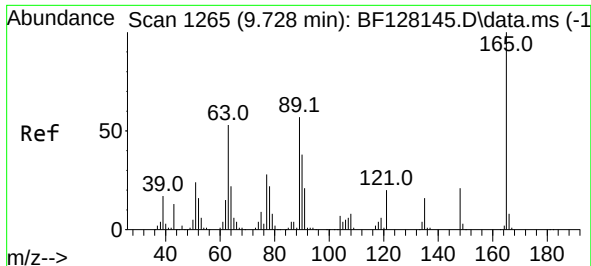
Ion Ratio Lower Upper

172 100

171 35.4 28.6 42.8

170 23.8 19.1 28.7

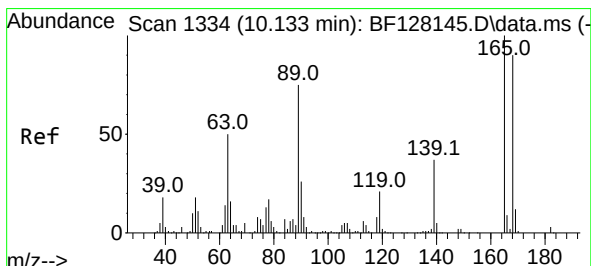
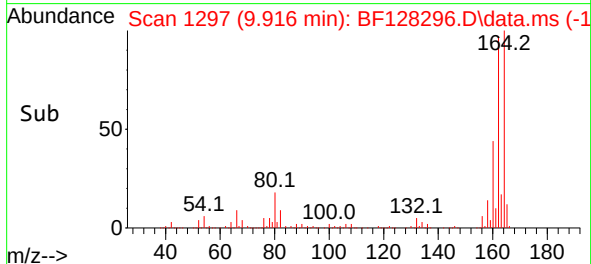
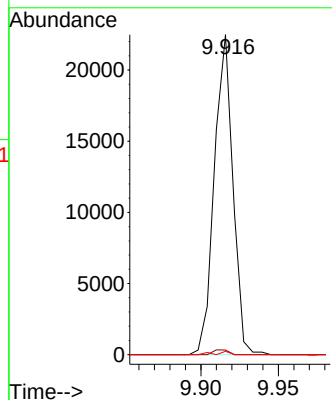
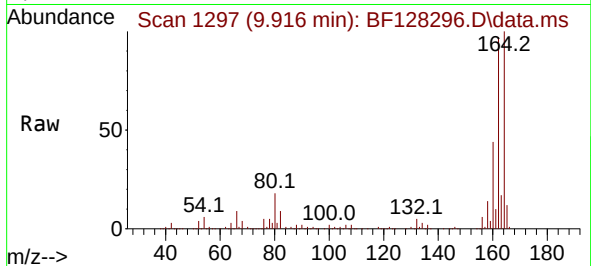




#51  
2,6-Dinitrotoluene  
Concen: 9.087 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. 0.206 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

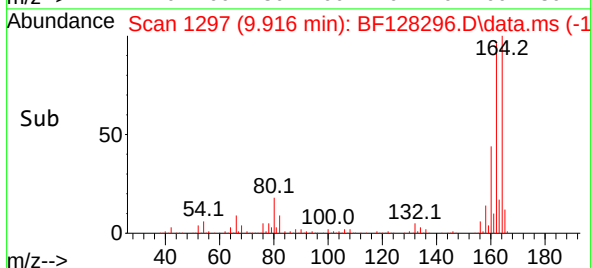
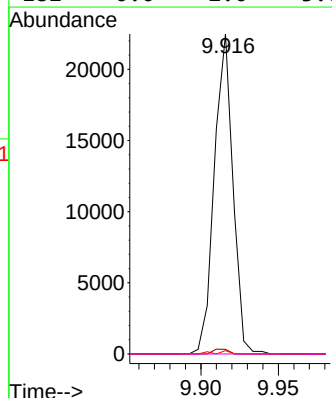
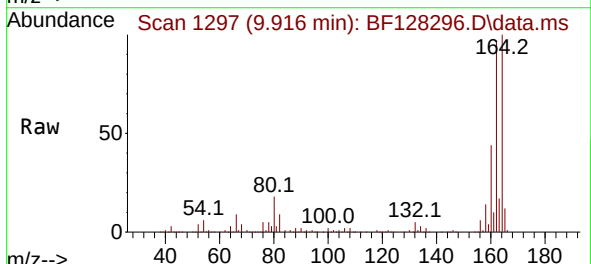
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS021-0006-01

Tgt Ion:165 Resp: 18749  
Ion Ratio Lower Upper  
165 100  
63 1.4 49.5 74.3#  
89 1.0 49.0 73.4#

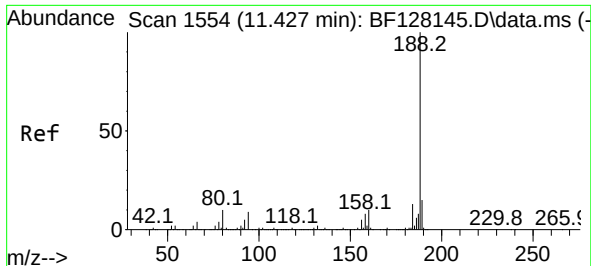


#57  
2,4-Dinitrotoluene  
Concen: 6.796 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.206 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

Tgt Ion:165 Resp: 18749  
Ion Ratio Lower Upper  
165 100  
63 1.4 32.6 49.0#  
89 1.0 55.2 82.8#  
182 0.0 2.0 3.0#



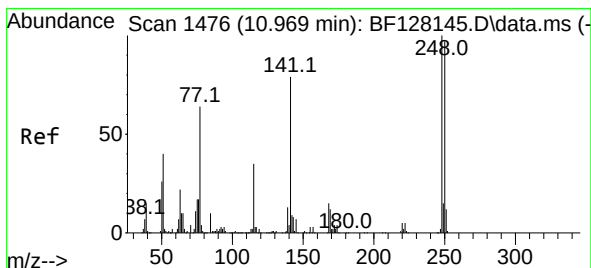
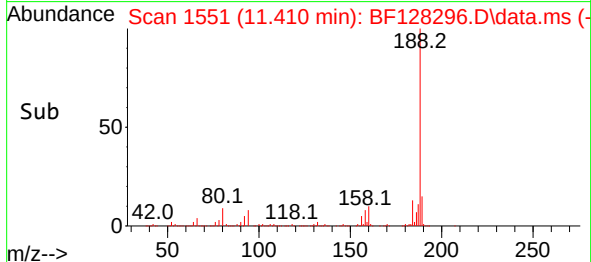
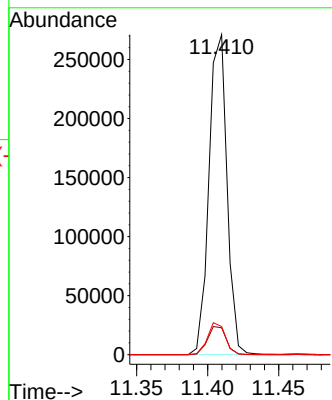
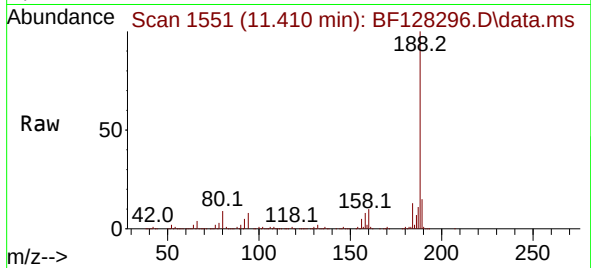




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

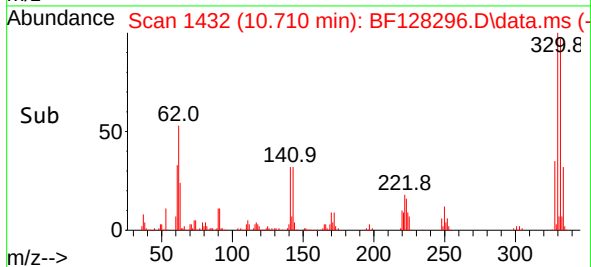
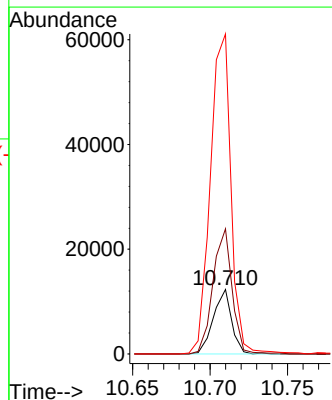
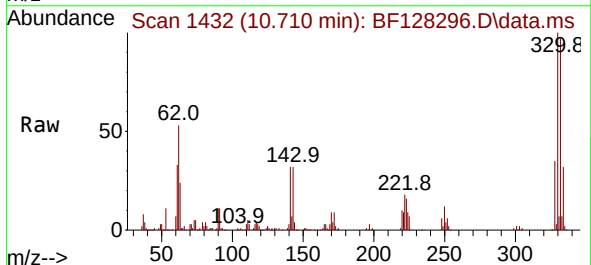
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS021-0006-01

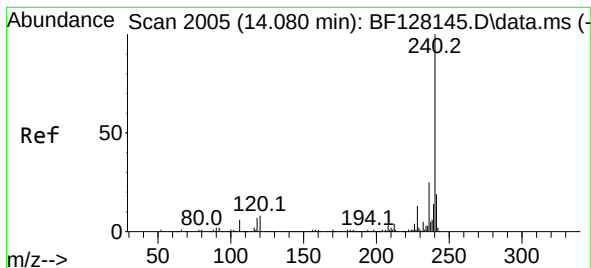
Tgt Ion:188 Resp: 239485  
Ion Ratio Lower Upper  
188 100  
94 8.4 8.0 12.0  
80 8.8 8.9 13.3#



#67  
4-Bromophenyl-phenylether  
Concen: 3.939 ng  
RT: 10.710 min Scan# 1432  
Delta R.T. -0.247 min  
Lab File: BF128296.D  
Acq: 17 May 2022 17:43

Tgt Ion:248 Resp: 10148  
Ion Ratio Lower Upper  
248 100  
250 194.2 77.7 116.5#  
141 496.5 65.6 98.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF128296.D

Acq: 17 May 2022 17:43

Instrument :

BNA\_F

ClientSampleId :

P007-SS021-0006-01

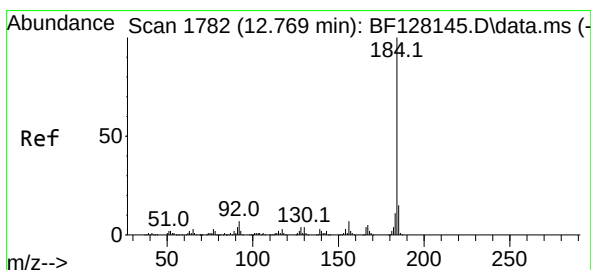
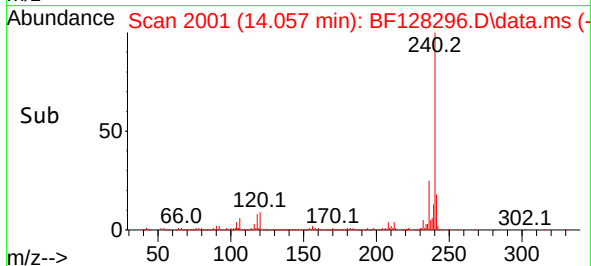
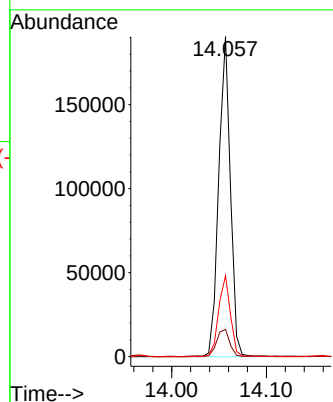
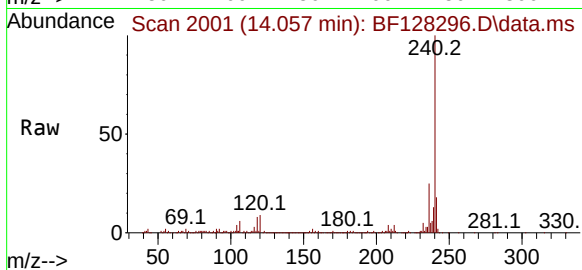
Tgt Ion:240 Resp: 162347

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

236 25.3 20.3 30.5



#77

Benzidine

Concen: 2.610 ng

RT: 12.992 min Scan# 1820

Delta R.T. 0.241 min

Lab File: BF128296.D

Acq: 17 May 2022 17:43

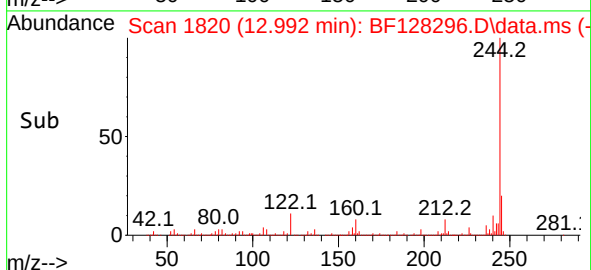
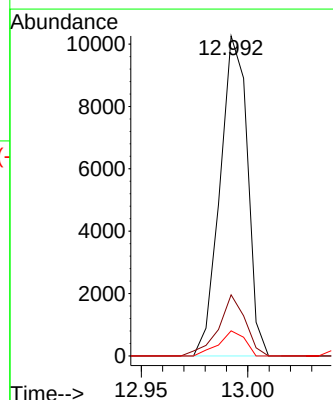
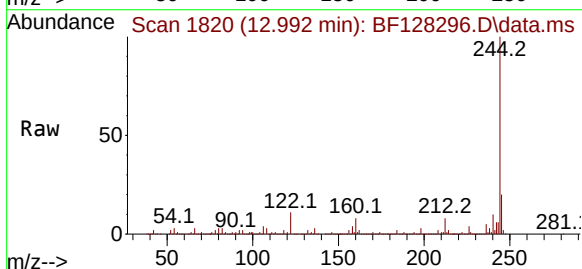
Tgt Ion:184 Resp: 9176

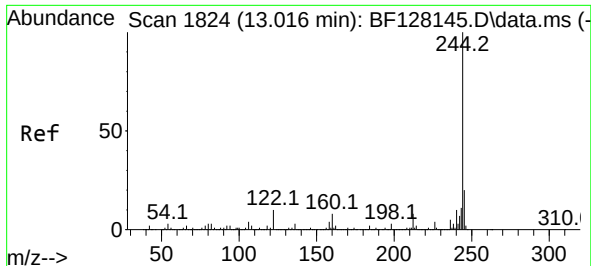
Ion Ratio Lower Upper

184 100

185 19.1 12.1 18.1#

183 7.8 9.0 13.4#

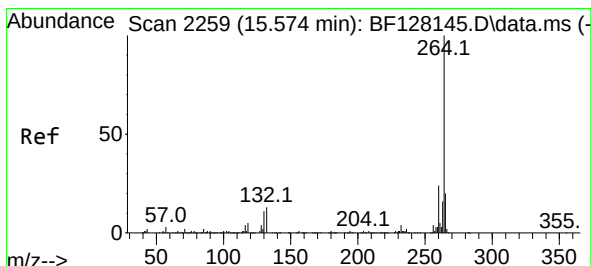
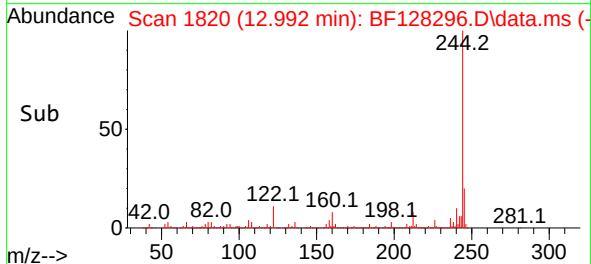
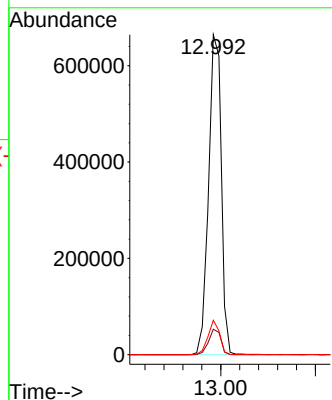
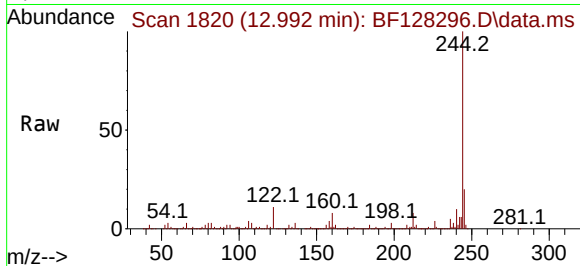




#79  
 Terphenyl-d14  
 Concen: 71.448 ng  
 RT: 12.992 min Scan# 1824  
 Delta R.T. -0.012 min  
 Lab File: BF128296.D  
 Acq: 17 May 2022 17:43

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS021-0006-01

Tgt Ion:244 Resp: 618166  
 Ion Ratio Lower Upper  
 244 100  
 212 7.9 6.2 9.4  
 122 10.7 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 2255  
 Delta R.T. -0.006 min  
 Lab File: BF128296.D  
 Acq: 17 May 2022 17:43

Tgt Ion:264 Resp: 167589  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 20.1 30.1  
 265 21.3 17.5 26.3

