

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051622\  
 Data File : BF128266.D  
 Acq On : 16 May 2022 14:10  
 Operator : CG\JU  
 Sample : N2833-02  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP03

Quant Time: May 16 15:32:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 14 00:51:21 2022  
 Response via : Initial Calibration

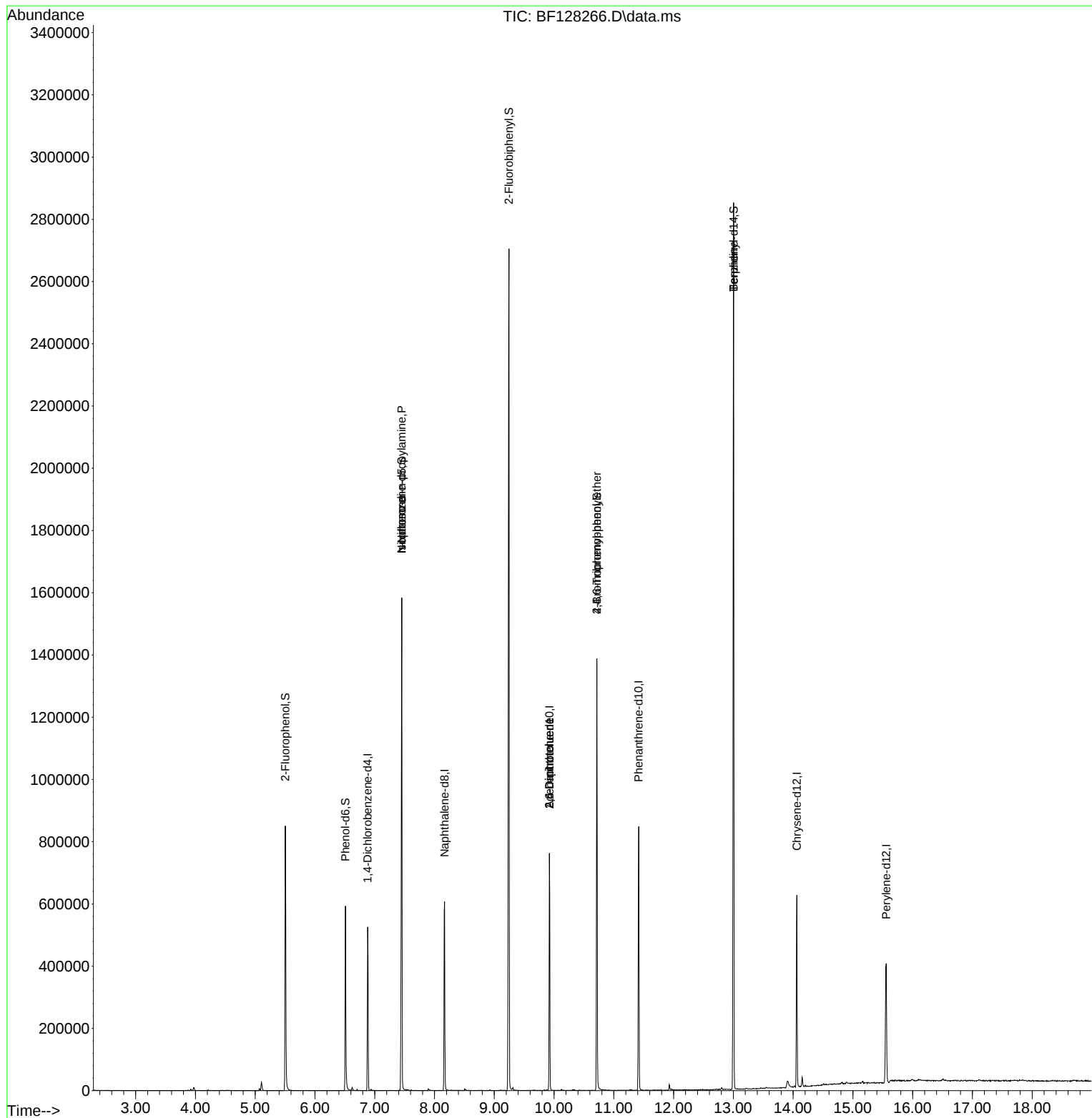
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.881  | 152  | 70222    | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 267337   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.922  | 164  | 155548   | 20.000    | ng     | -0.01    |
| 64) Phenanthrene-d10          | 11.416 | 188  | 284143   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.063 | 240  | 207902   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.557 | 264  | 184936   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 200045   | 45.413    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 166610   | 28.596    | ng     | -0.02    |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 498142   | 83.844    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 148200   | 83.074    | ng     | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 833443   | 83.838    | ng     | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 965268   | 87.120    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.451  | 77   | 121      | Below Cal | #      | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 69946    | 19.494    | ng     | # 79     |
| 25) Isophorone                | 7.451  | 82   | 498136   | 53.480    | ng     | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 19761    | 8.974     | ng     | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 19761    | 6.712     | ng     | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 9007     | 2.946     | ng     | # 1      |
| 77) Benizidine                | 13.004 | 184  | 13807    | 3.066     | ng     | # 93     |
| -----                         |        |      |          |           |        |          |

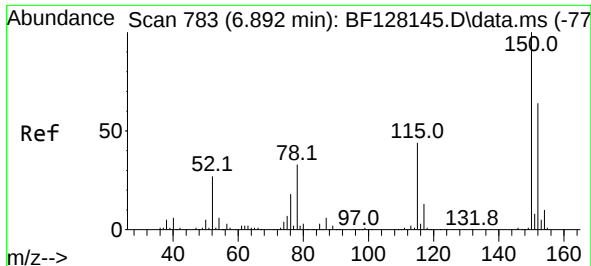
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051622\  
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Quant Time: May 16 15:32:17 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat May 14 00:51:21 2022  
Response via : Initial Calibration

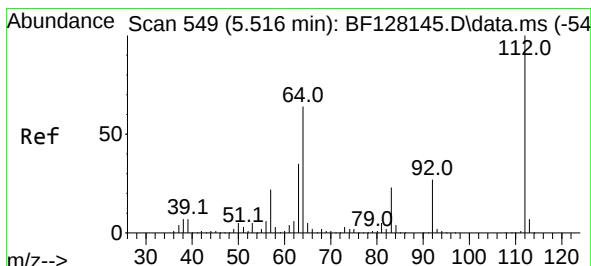
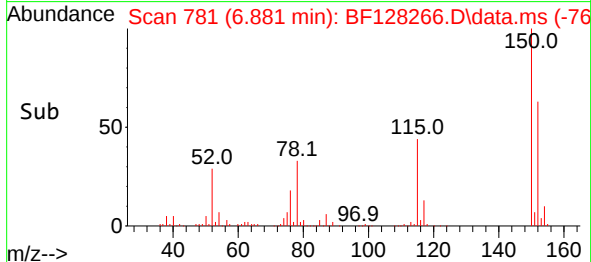
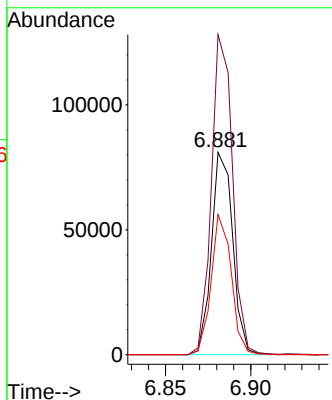
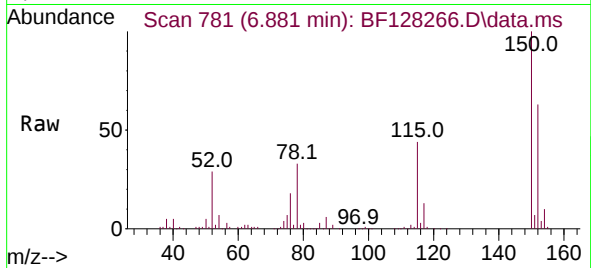




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.881 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF128266.D  
 Acq: 16 May 2022 14:10

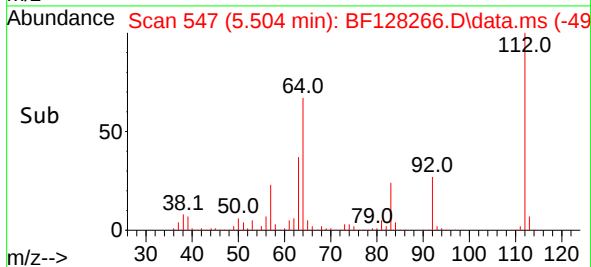
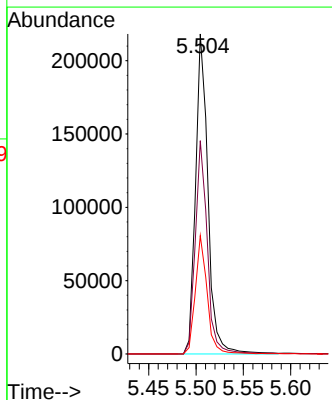
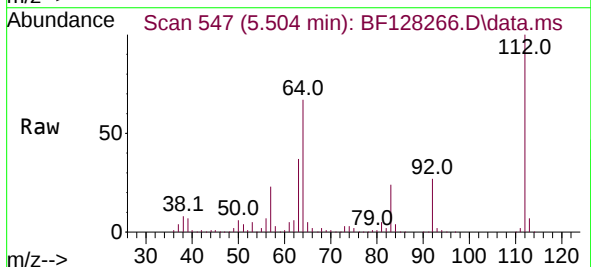
Instrument :  
 BNA\_F  
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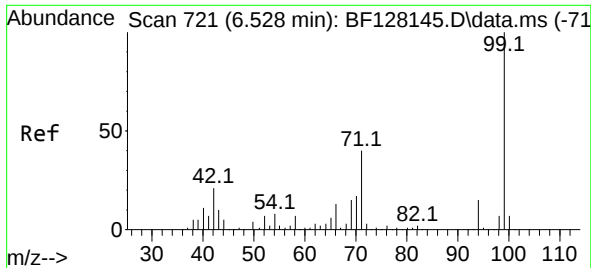
Tgt Ion:152 Resp: 70222  
 Ion Ratio Lower Upper  
 152 100  
 150 158.2 125.3 187.9  
 115 69.3 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 45.413 ng  
 RT: 5.504 min Scan# 547  
 Delta R.T. -0.006 min  
 Lab File: BF128266.D  
 Acq: 16 May 2022 14:10

Tgt Ion:112 Resp: 200045  
 Ion Ratio Lower Upper  
 112 100  
 64 66.6 49.5 74.3  
 63 37.0 26.3 39.5

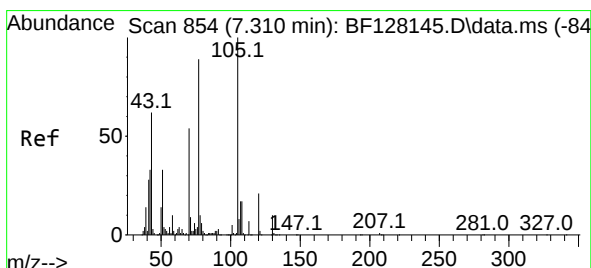
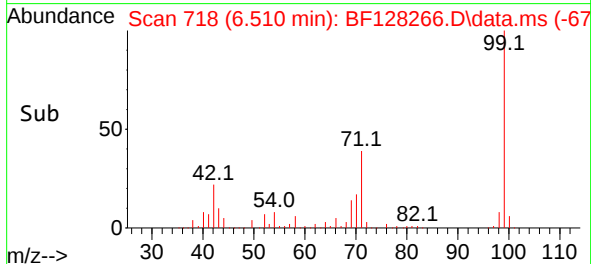
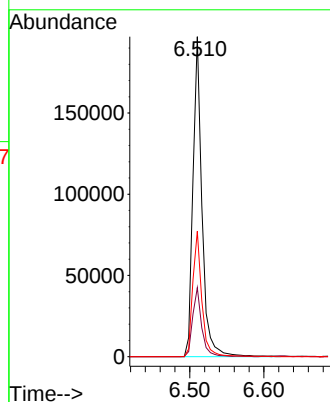
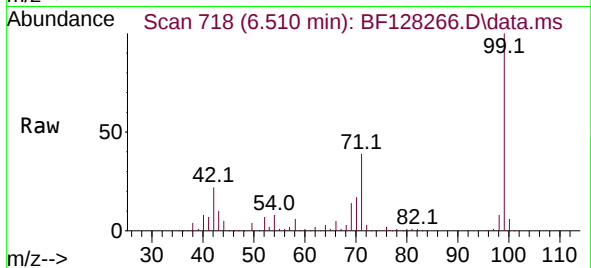




#7  
Phenol-d6  
Concen: 28.596 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.018 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

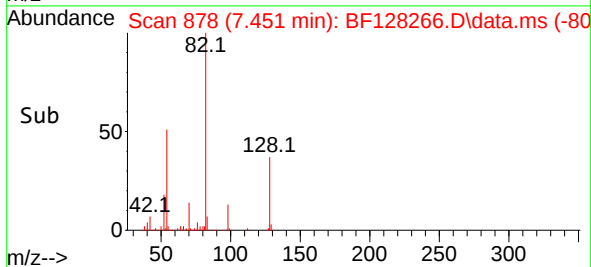
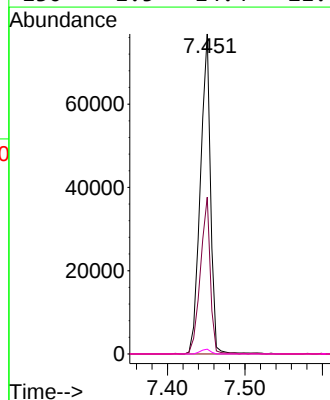
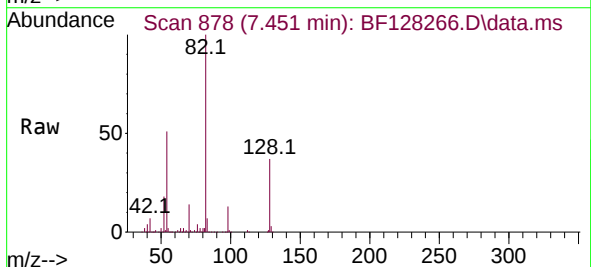
Instrument :  
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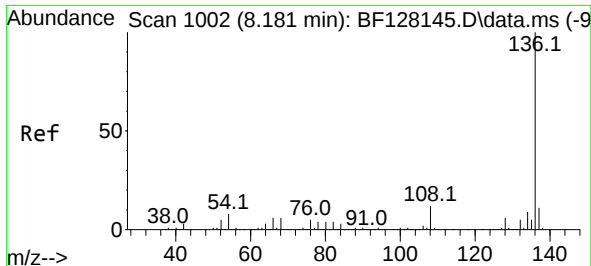
Tgt Ion: 99 Resp: 166610  
Ion Ratio Lower Upper  
99 100  
42 21.5 16.6 24.8  
71 39.2 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.494 ng  
RT: 7.451 min Scan# 878  
Delta R.T. 0.147 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

Tgt Ion: 70 Resp: 69946  
Ion Ratio Lower Upper  
70 100  
42 49.0 48.7 73.1  
101 0.0 7.2 10.8#  
130 1.5 14.4 21.6#

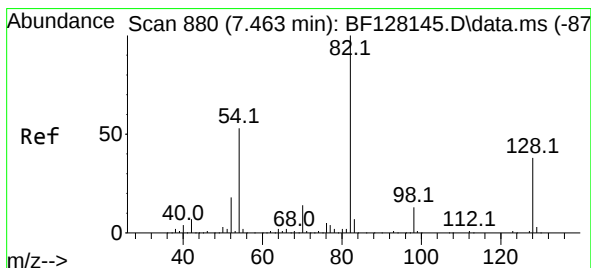
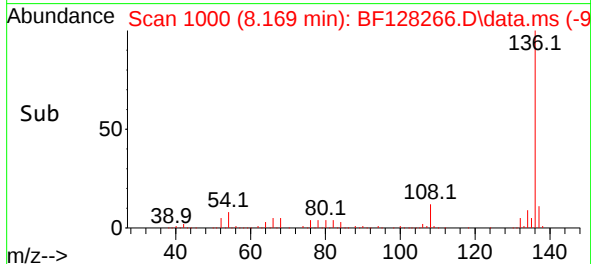
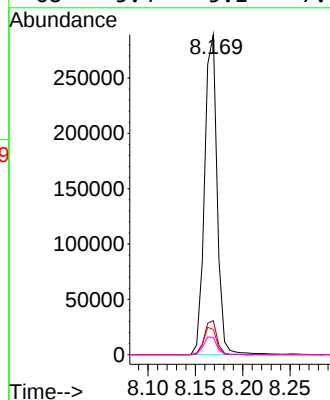
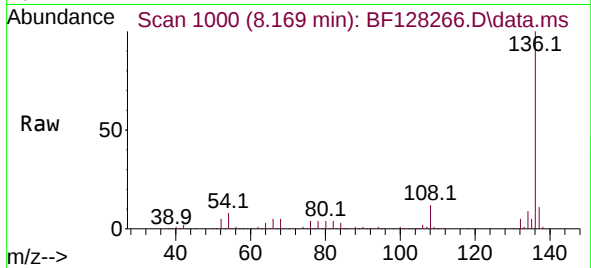




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 10  
Delta R.T. -0.006 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

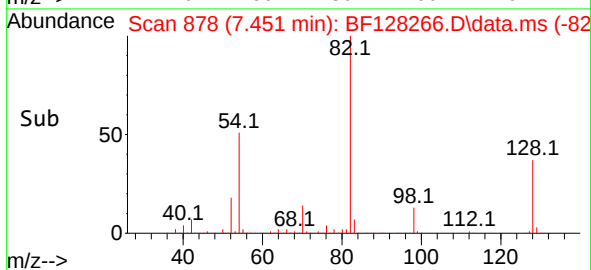
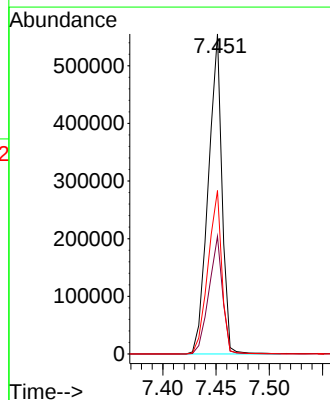
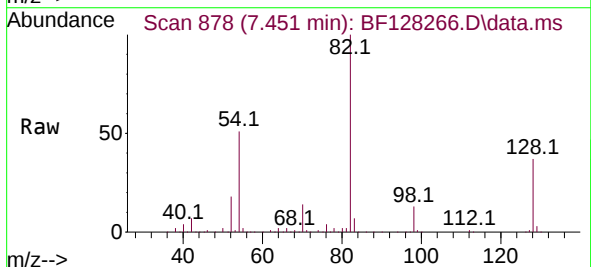
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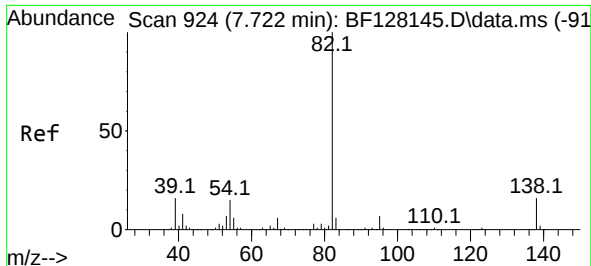
Tgt Ion:136 Resp: 267337  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 7.9 6.8 10.2  
68 5.4 5.1 7.7



#23  
Nitrobenzene-d5  
Concen: 83.844 ng  
RT: 7.451 min Scan# 878  
Delta R.T. -0.012 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

Tgt Ion: 82 Resp: 498142  
Ion Ratio Lower Upper  
82 100  
128 36.7 30.0 45.0  
54 51.1 41.3 61.9

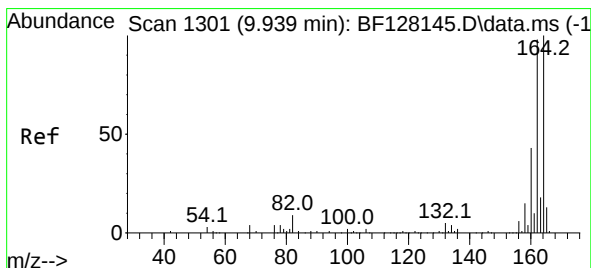
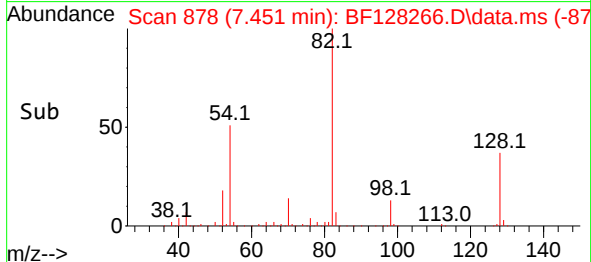
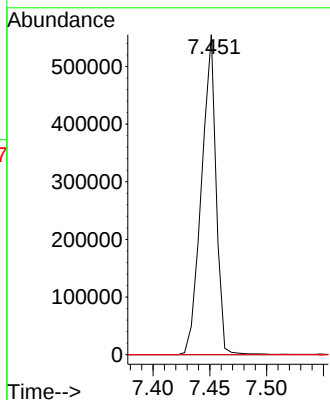
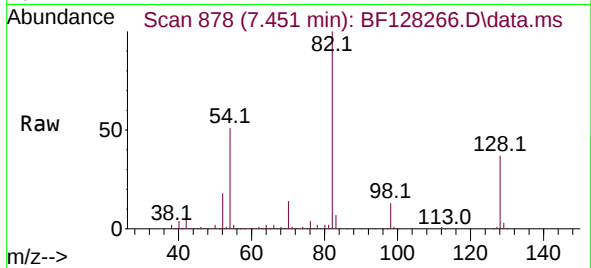




#25  
Isophorone  
Concen: 53.480 ng  
RT: 7.451 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

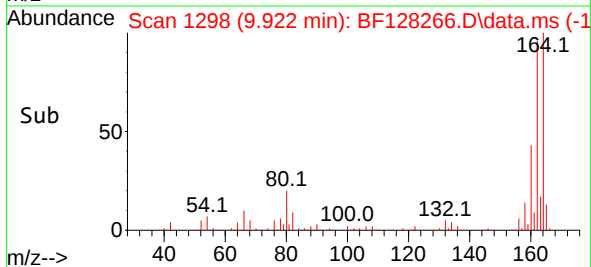
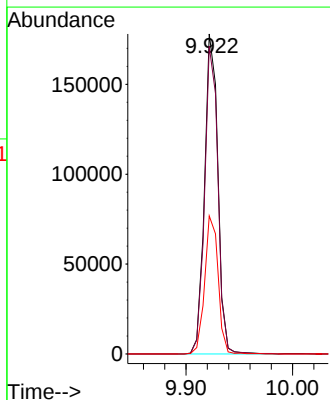
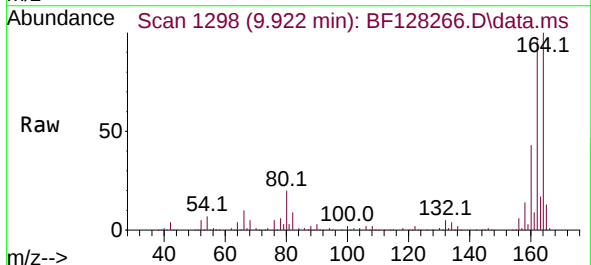
Instrument :  
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ClientSampleId :  
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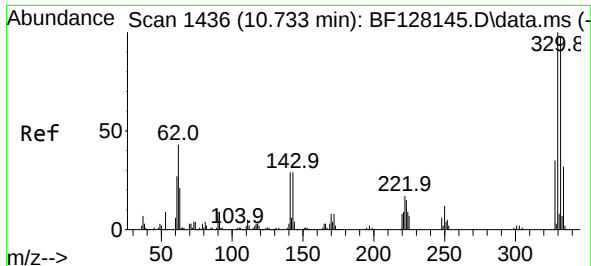
Tgt Ion: 82 Resp: 498136  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.012 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

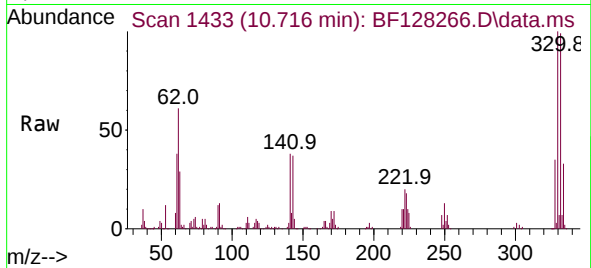
Tgt Ion:164 Resp: 155548  
Ion Ratio Lower Upper  
164 100  
162 96.1 76.0 114.0  
160 43.1 34.8 52.2



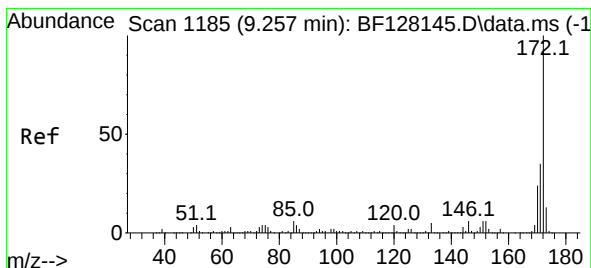
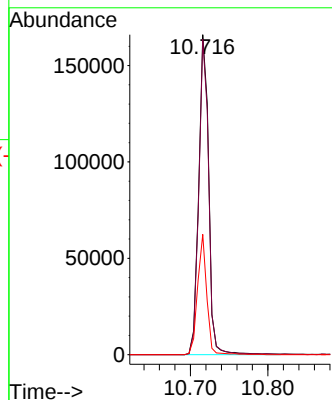
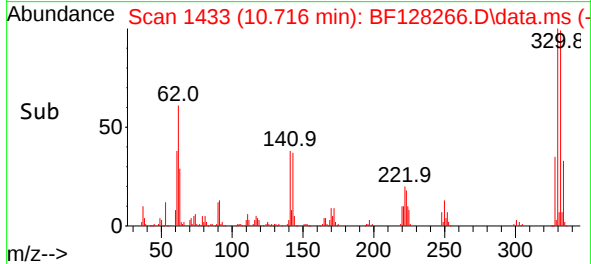


#42  
 2,4,6-Tribromophenol  
 Concen: 83.074 ng  
 RT: 10.716 min Scan# 1433  
 Delta R.T. -0.012 min  
 Lab File: BF128266.D  
 Acq: 16 May 2022 14:10

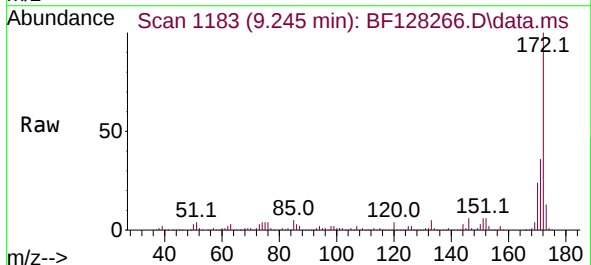
Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP03



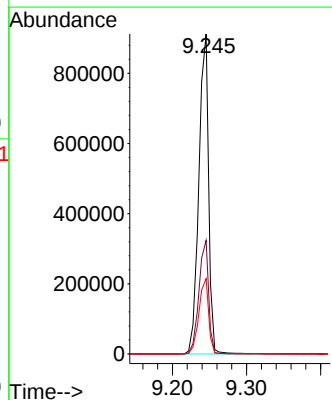
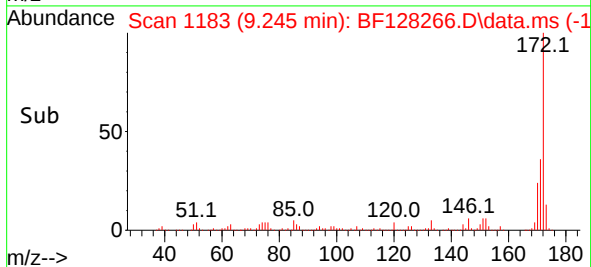
Tgt Ion:330 Resp: 148200  
 Ion Ratio Lower Upper  
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 332 98.0 79.0 118.4  
 141 34.7 28.9 43.3

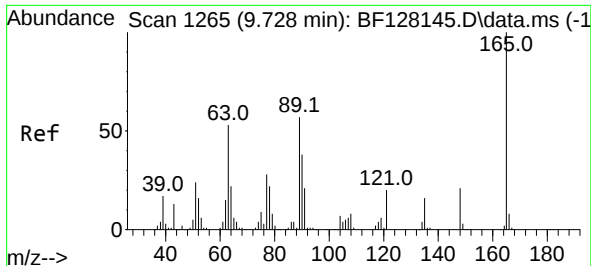


#45  
 2-Fluorobiphenyl  
 Concen: 83.838 ng  
 RT: 9.245 min Scan# 1183  
 Delta R.T. -0.006 min  
 Lab File: BF128266.D  
 Acq: 16 May 2022 14:10



Tgt Ion:172 Resp: 833443  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.6 42.8  
 170 23.6 19.1 28.7

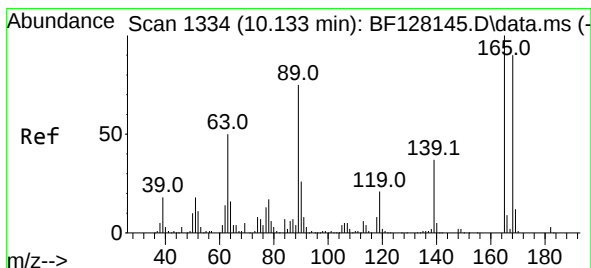
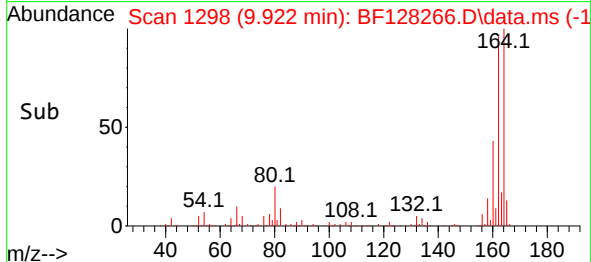
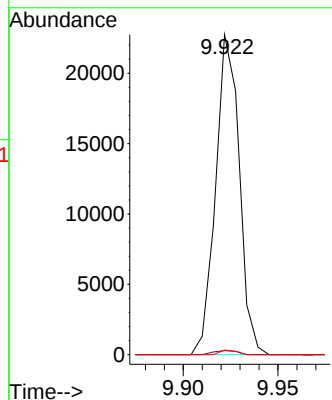
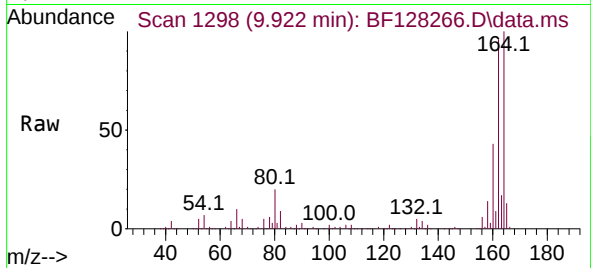




#51  
2,6-Dinitrotoluene  
Concen: 8.974 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. 0.200 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

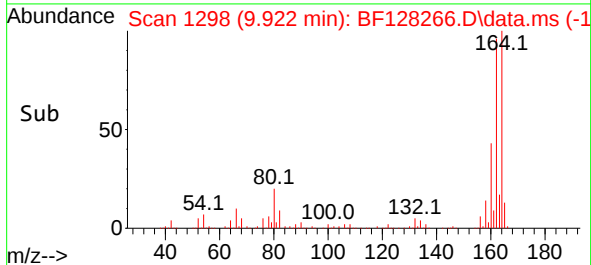
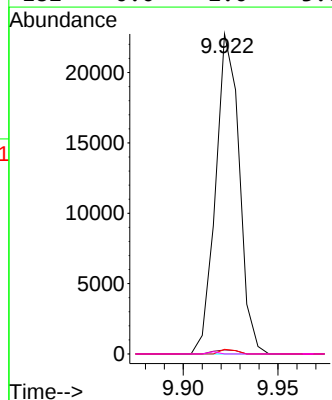
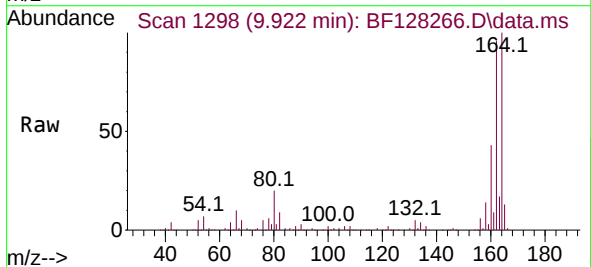
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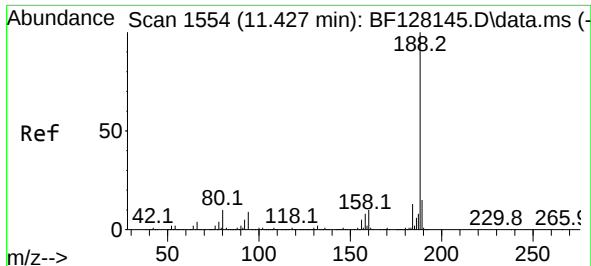
Tgt Ion:165 Resp: 19761  
Ion Ratio Lower Upper  
165 100  
63 1.2 49.5 74.3#  
89 1.5 49.0 73.4#



#57  
2,4-Dinitrotoluene  
Concen: 6.712 ng  
RT: 9.922 min Scan# 1298  
Delta R.T. -0.206 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

Tgt Ion:165 Resp: 19761  
Ion Ratio Lower Upper  
165 100  
63 1.2 32.6 49.0#  
89 1.5 55.2 82.8#  
182 0.0 2.0 3.0#

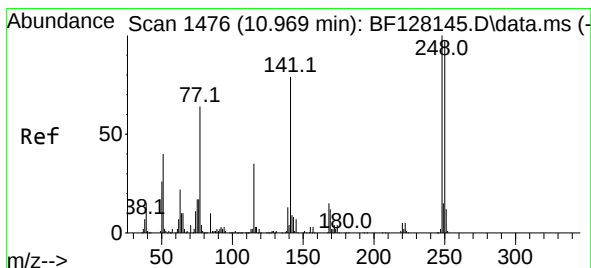
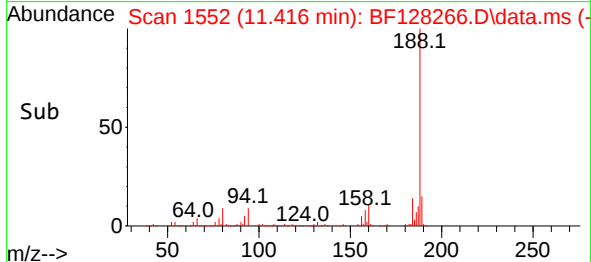
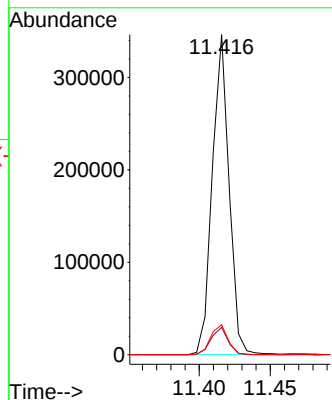
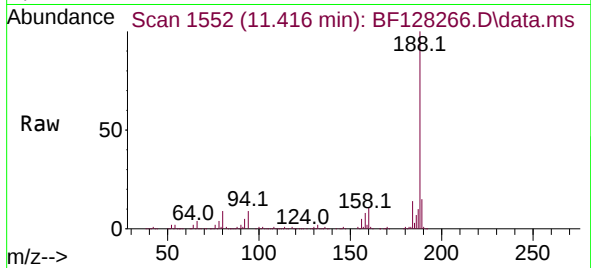




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

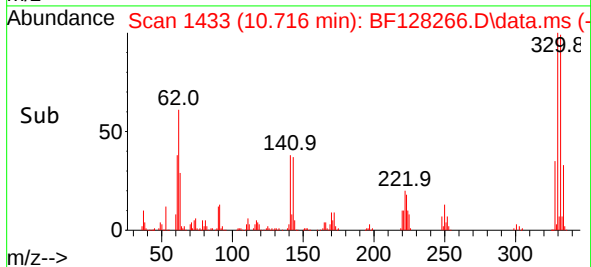
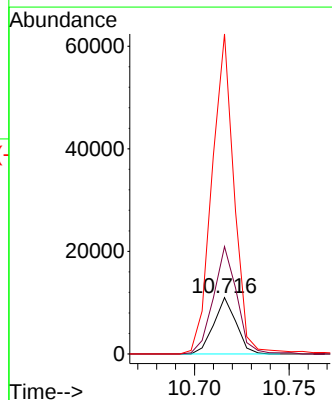
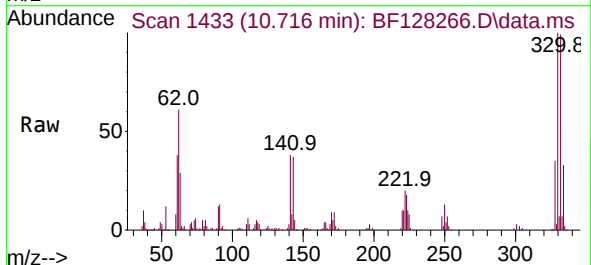
Instrument :  
BNA\_F  
ClientSampleId :  
TWP03

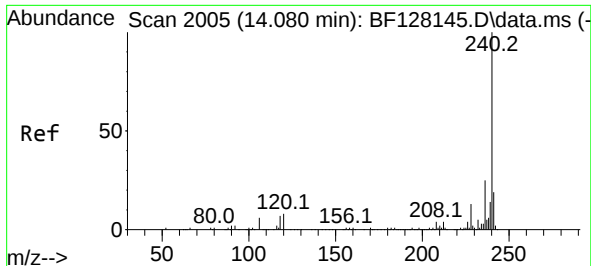
Tgt Ion:188 Resp: 284143  
Ion Ratio Lower Upper  
188 100  
94 8.6 8.0 12.0  
80 9.3 8.9 13.3



#67  
4-Bromophenyl-phenylether  
Concen: 2.946 ng  
RT: 10.716 min Scan# 1433  
Delta R.T. -0.247 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

Tgt Ion:248 Resp: 9007  
Ion Ratio Lower Upper  
248 100  
250 190.4 77.7 116.5#  
141 567.8 65.6 98.4#

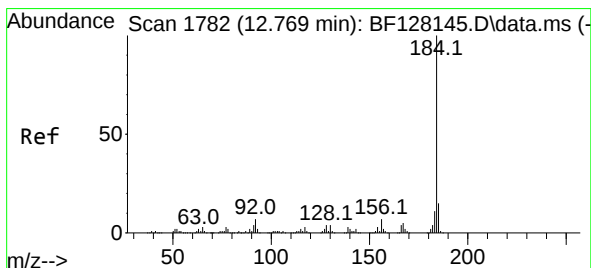
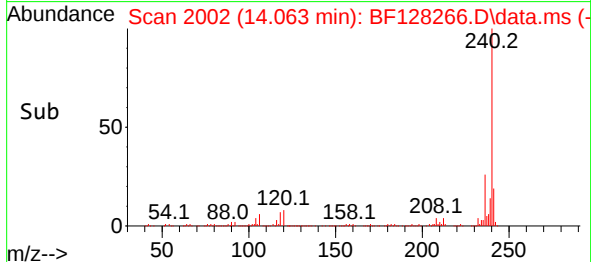
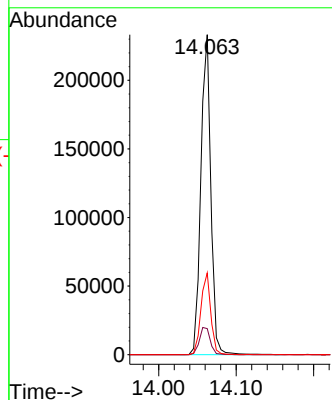
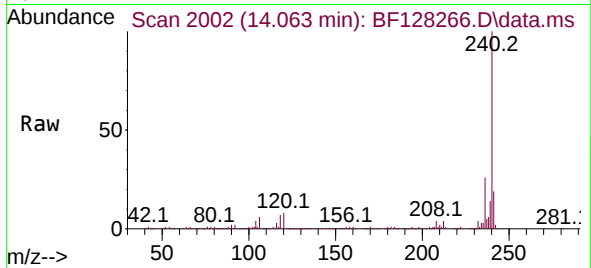




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

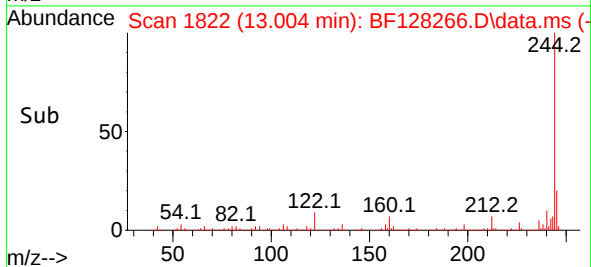
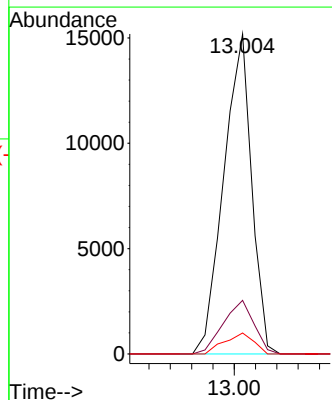
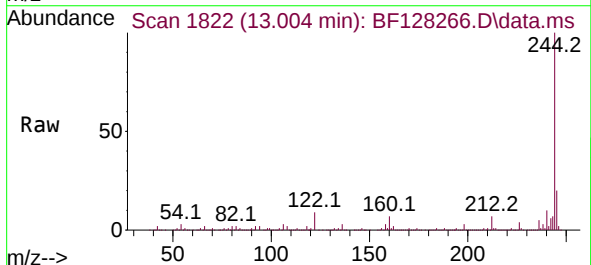
Instrument :  
BNA\_F  
ClientSampleId :  
TWP03

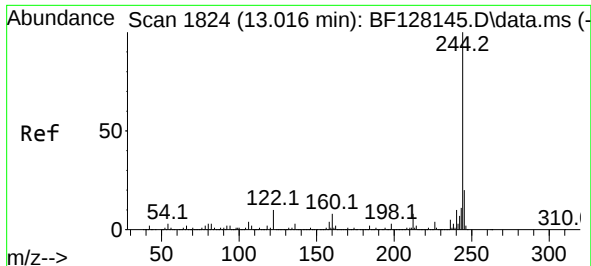
Tgt Ion:240 Resp: 207902  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.0 10.6  
236 25.6 20.3 30.5



#77  
Benzidine  
Concen: 3.066 ng  
RT: 13.004 min Scan# 1822  
Delta R.T. 0.247 min  
Lab File: BF128266.D  
Acq: 16 May 2022 14:10

Tgt Ion:184 Resp: 13807  
Ion Ratio Lower Upper  
184 100  
185 16.8 12.1 18.1  
183 6.5 9.0 13.4#

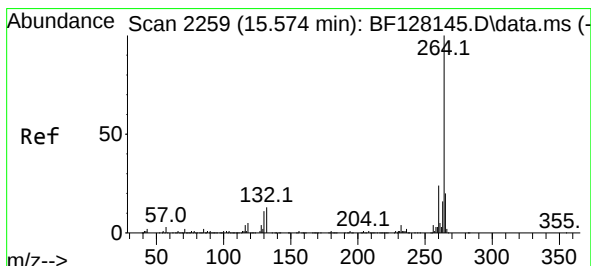
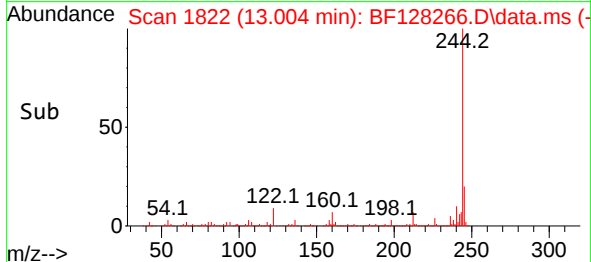
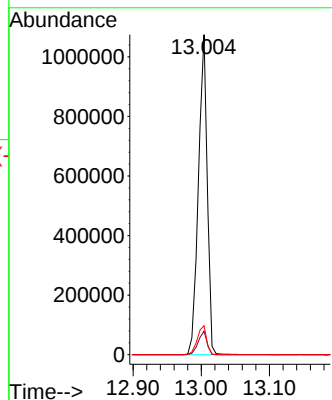
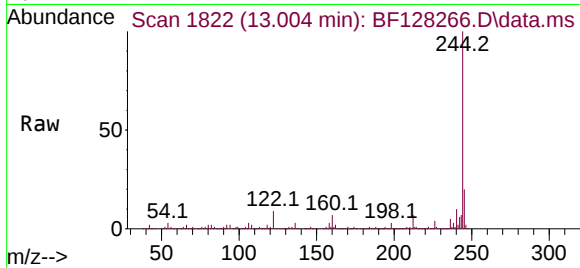




#79  
 Terphenyl-d14  
 Concen: 87.120 ng  
 RT: 13.004 min Scan# 11  
 Delta R.T. -0.006 min  
 Lab File: BF128266.D  
 Acq: 16 May 2022 14:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 TWP03

Tgt Ion:244 Resp: 965268  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.2 9.4  
 122 9.1 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.557 min Scan# 2256  
 Delta R.T. -0.006 min  
 Lab File: BF128266.D  
 Acq: 16 May 2022 14:10

Tgt Ion:264 Resp: 184936  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 20.1 30.1  
 265 20.9 17.5 26.3

