

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021022\  
 Data File : BF126844.D  
 Acq On : 10 Feb 2022 15:30  
 Operator : CG\JU  
 Sample : N1432-20  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-7

Quant Time: Feb 10 17:21:34 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF020922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 10 00:44:00 2022  
 Response via : Initial Calibration

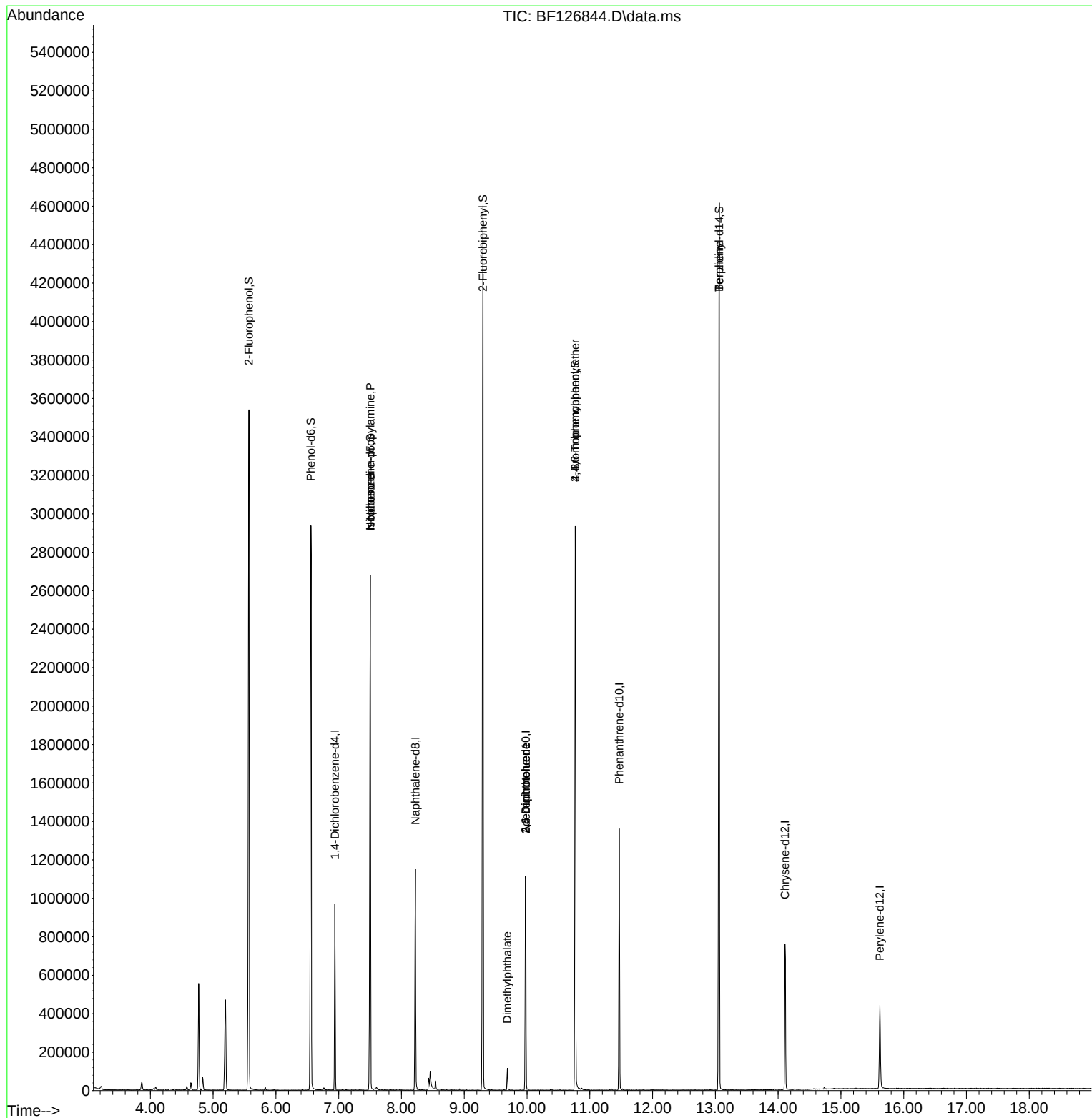
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.939  | 152  | 114492   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.222  | 136  | 450260   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.980  | 164  | 234234   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.469 | 188  | 417251   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.110 | 240  | 244887   | 20.000  | ng    | #-0.01   |
| 86) Perylene-d12              | 15.621 | 264  | 190559   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.569  | 112  | 909465   | 122.302 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.557  | 99   | 1120454  | 111.612 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.504  | 82   | 877611   | 89.932  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.769 | 330  | 335153   | 133.466 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.298  | 172  | 1340814  | 86.166  | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.063 | 244  | 1570339  | 91.928  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.504  | 70   | 117263   | 18.446  | ng    | # 78     |
| 25) Isophorone                | 7.504  | 82   | 877594   | 53.677  | ng    | # 68     |
| 50) Dimethylphthalate         | 9.686  | 163  | 37518    | 2.263   | ng    | 99       |
| 51) 2,6-Dinitrotoluene        | 9.980  | 165  | 30071    | 8.961   | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.980  | 165  | 30071    | 6.778   | ng    | # 16     |
| 67) 4-Bromophenyl-phenylether | 10.769 | 248  | 20073    | 4.427   | ng    | # 1      |
| 77) Benzidine                 | 13.063 | 184  | 23347    | 3.623   | ng    | # 96     |
| -----                         |        |      |          |         |       |          |

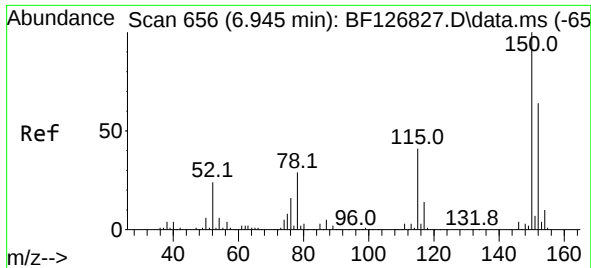
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021022\  
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ALS Vial : 12 Sample Multiplier: 1

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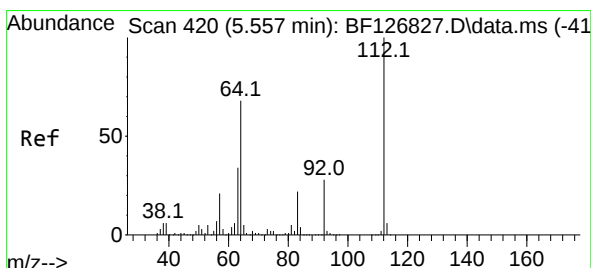
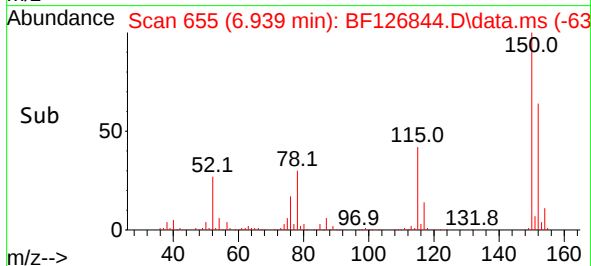
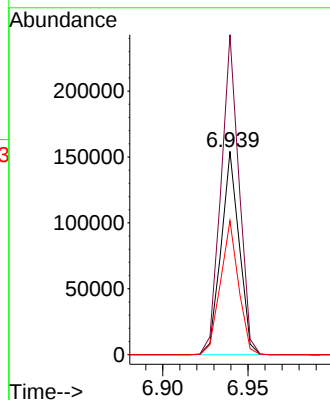
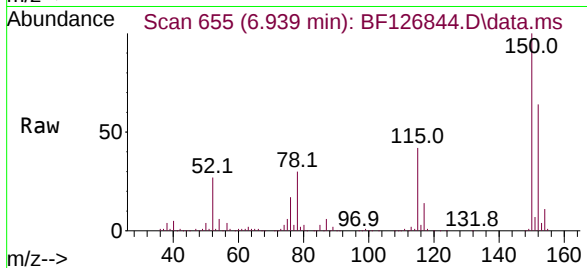




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.939 min Scan# 61  
Delta R.T. -0.006 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

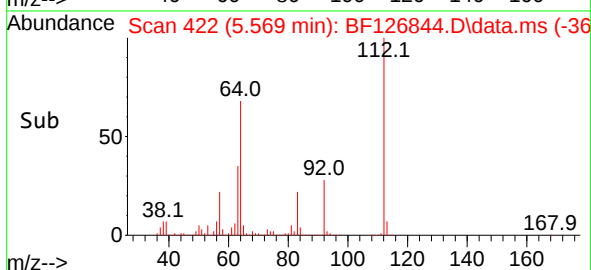
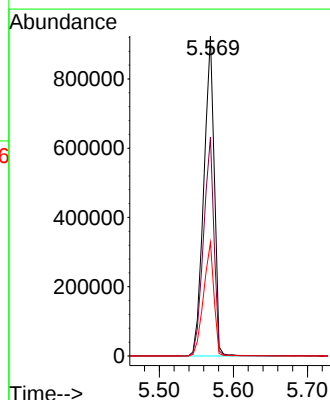
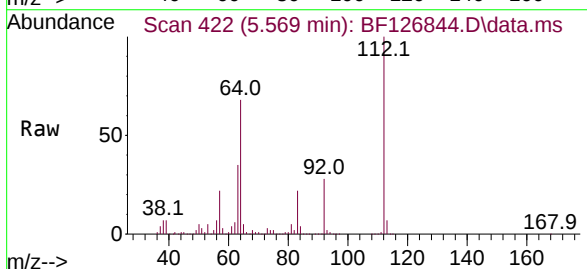
Instrument :  
BNA\_F  
ClientSampleId :  
SP-7

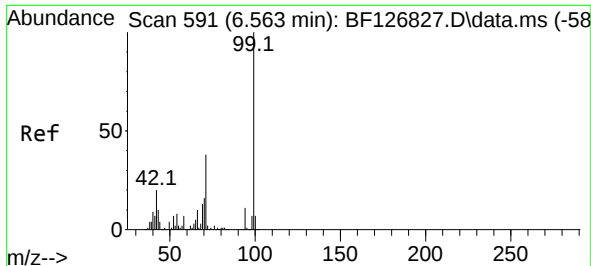
Tgt Ion:152 Resp: 114492  
Ion Ratio Lower Upper  
152 100  
150 157.4 124.3 186.5  
115 65.9 50.5 75.7



#5  
2-Fluorophenol  
Concen: 122.302 ng  
RT: 5.569 min Scan# 422  
Delta R.T. 0.012 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Tgt Ion:112 Resp: 909465  
Ion Ratio Lower Upper  
112 100  
64 68.4 54.3 81.5  
63 35.5 27.5 41.3



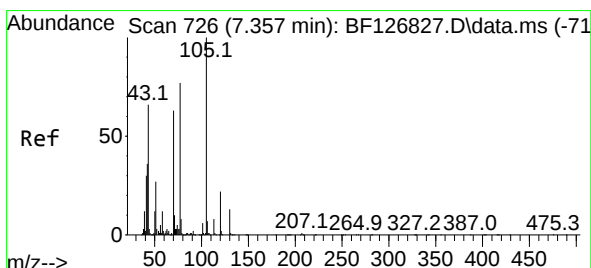
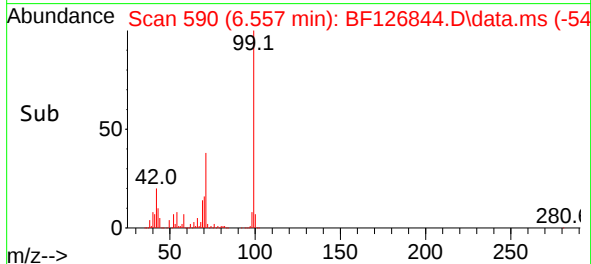
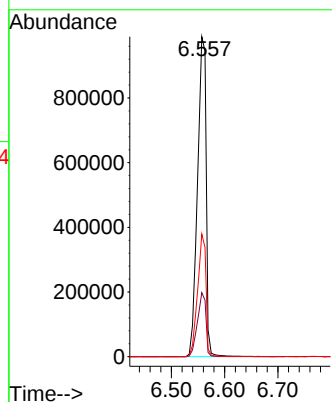
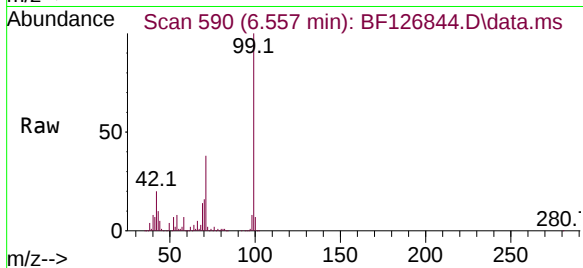


#7  
Phenol-d6  
Concen: 111.612 ng  
RT: 6.557 min Scan# 591  
Delta R.T. -0.006 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Instrument :  
BNA\_F  
ClientSampleId :  
SP-7

Tgt Ion: 99 Resp: 1120454

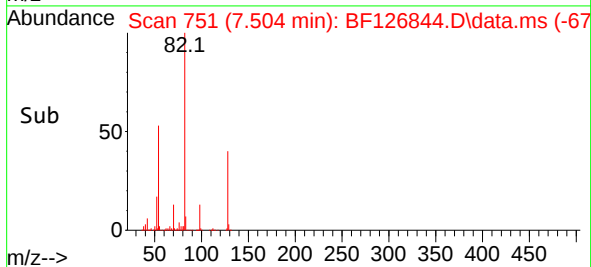
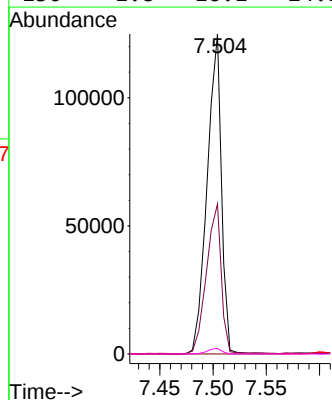
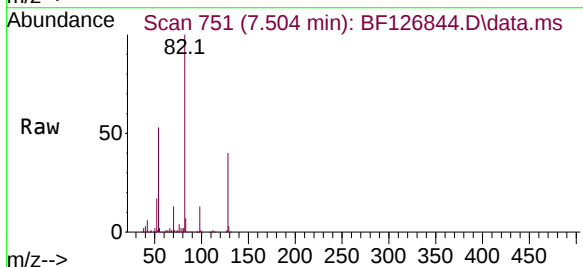
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 20.0  | 15.8  | 23.6  |
| 71  | 38.4  | 30.6  | 45.8  |

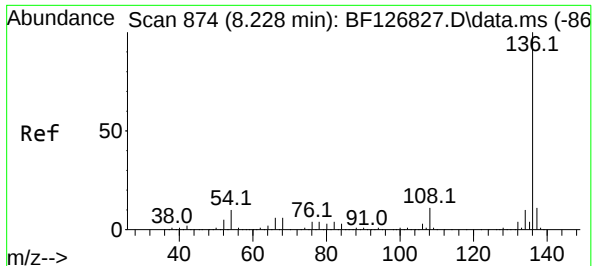


#19  
n-Nitroso-di-n-propylamine  
Concen: 18.446 ng  
RT: 7.504 min Scan# 751  
Delta R.T. 0.147 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Tgt Ion: 70 Resp: 117263

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 46.9  | 46.3  | 69.5  |
| 101 | 0.0   | 7.5   | 11.3# |
| 130 | 1.8   | 16.1  | 24.1# |



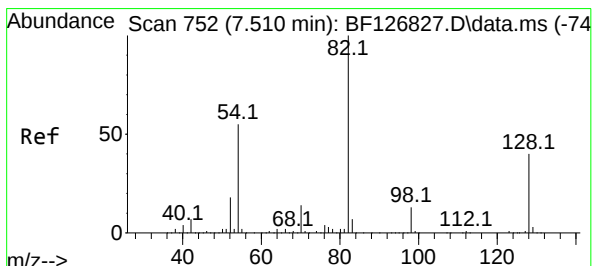
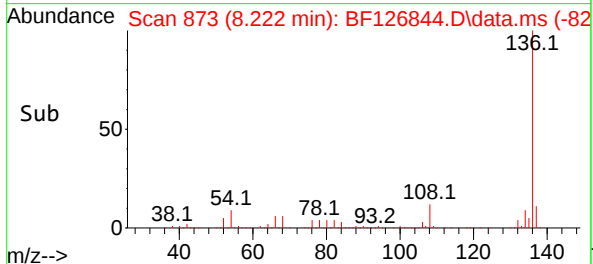
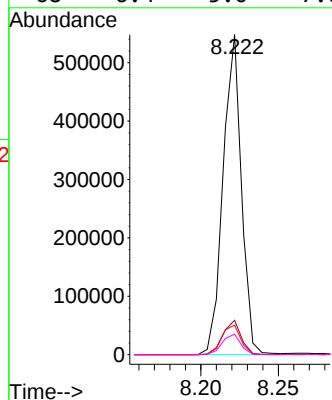
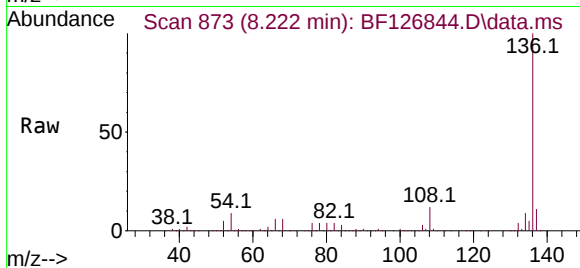


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.222 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:136 Resp: 450260

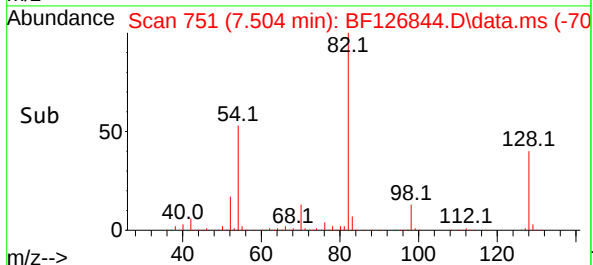
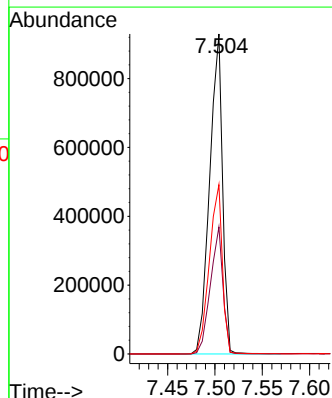
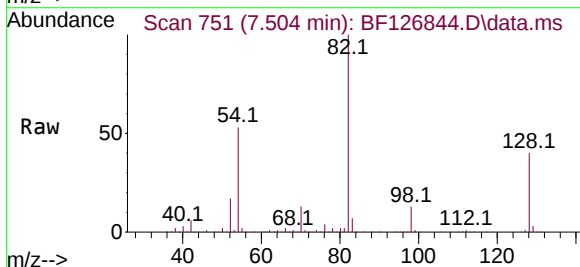
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.8  | 8.6   | 12.8  |
| 54  | 9.2   | 8.0   | 12.0  |
| 68  | 6.4   | 5.0   | 7.6   |

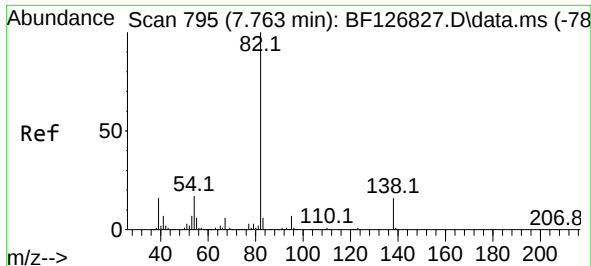


#23  
Nitrobenzene-d5  
Concen: 89.932 ng  
RT: 7.504 min Scan# 751  
Delta R.T. -0.006 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Tgt Ion: 82 Resp: 877611

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.7  | 31.6  | 47.4  |
| 54  | 52.9  | 43.7  | 65.5  |

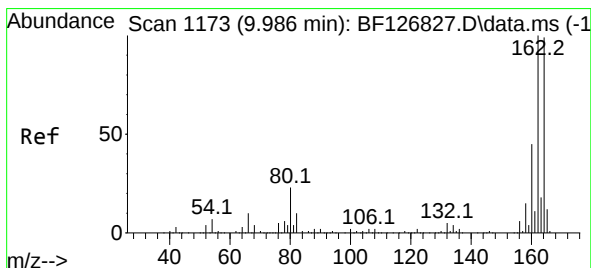
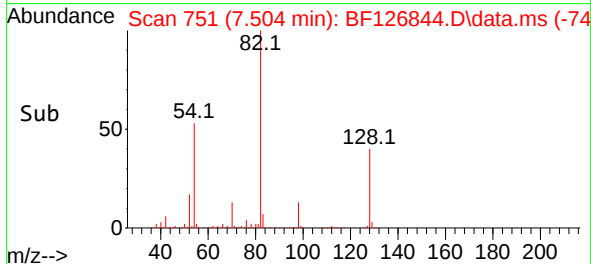
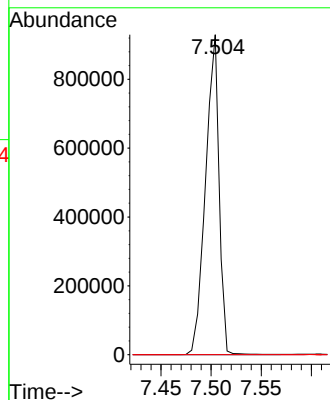
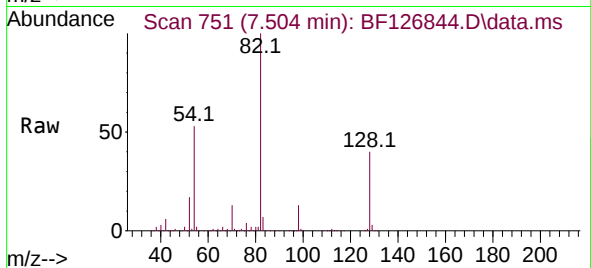




#25  
Isophorone  
Concen: 53.677 ng  
RT: 7.504 min Scan# 71  
Delta R.T. -0.259 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

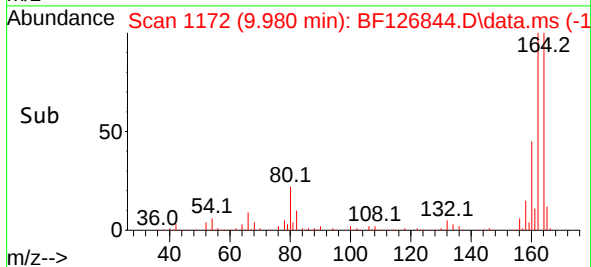
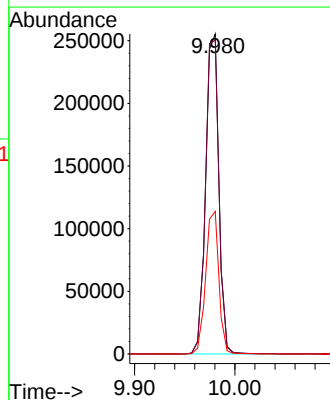
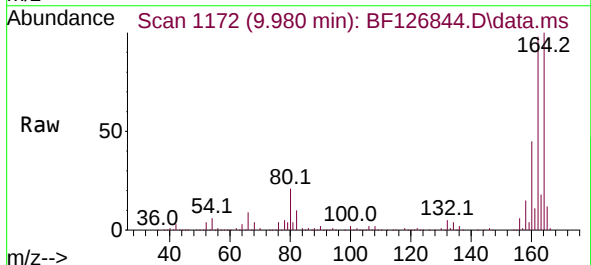
Instrument :  
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ClientSampleId :  
SP-7

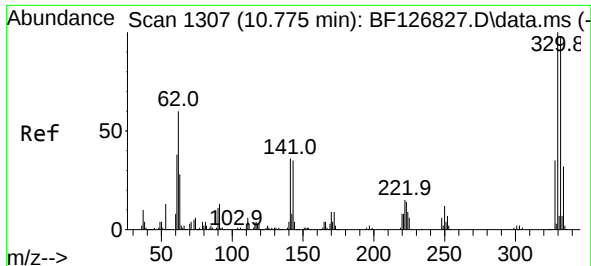
Tgt Ion: 82 Resp: 877594  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.8#  
138 0.0 12.6 19.0#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.980 min Scan# 1172  
Delta R.T. -0.006 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Tgt Ion: 164 Resp: 234234  
Ion Ratio Lower Upper  
164 100  
162 98.1 80.9 121.3  
160 44.5 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 133.466 ng

RT: 10.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126844.D

Acq: 10 Feb 2022 15:30

Instrument :

BNA\_F

ClientSampleId :

SP-7

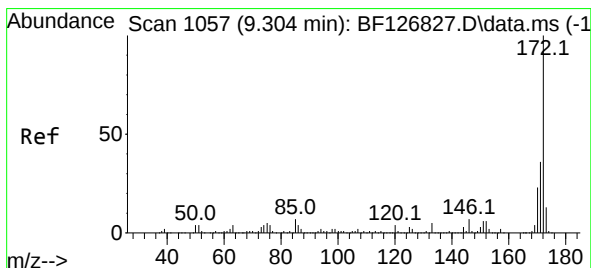
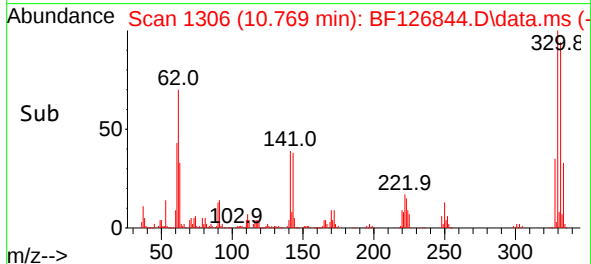
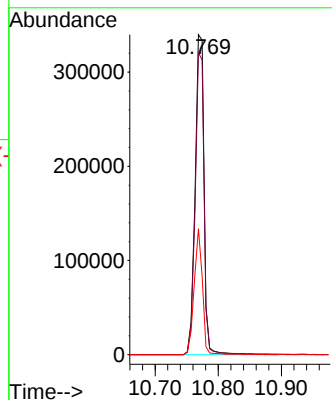
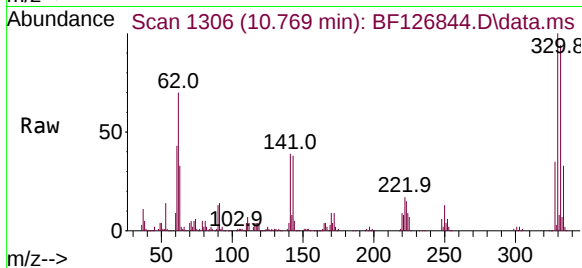
Tgt Ion:330 Resp: 335153

Ion Ratio Lower Upper

330 100

332 93.4 78.2 117.4

141 36.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 86.166 ng

RT: 9.298 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF126844.D

Acq: 10 Feb 2022 15:30

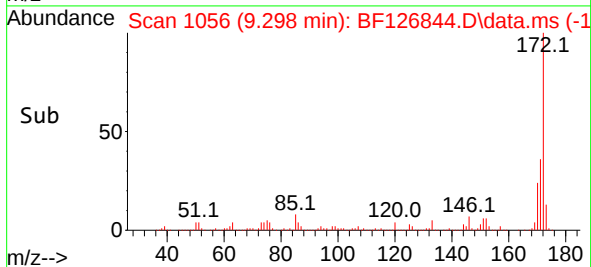
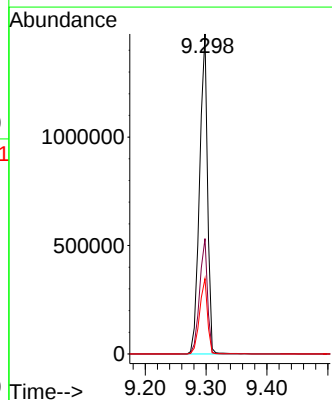
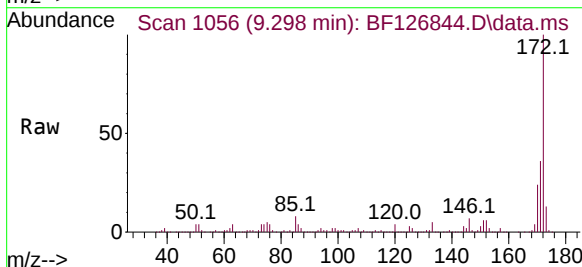
Tgt Ion:172 Resp: 1340814

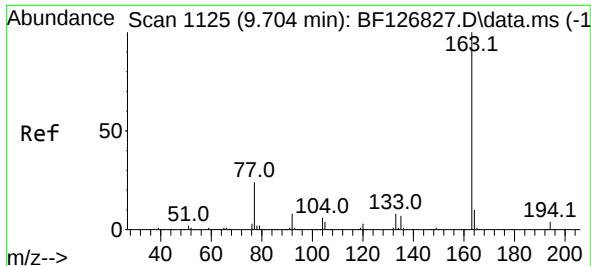
Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.6 18.7 28.1

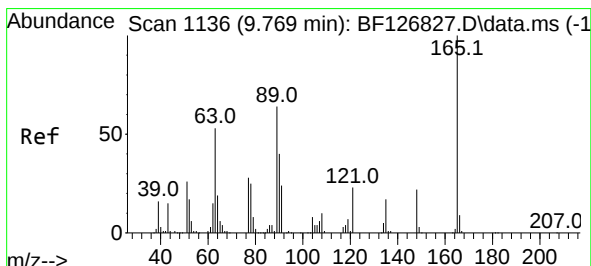
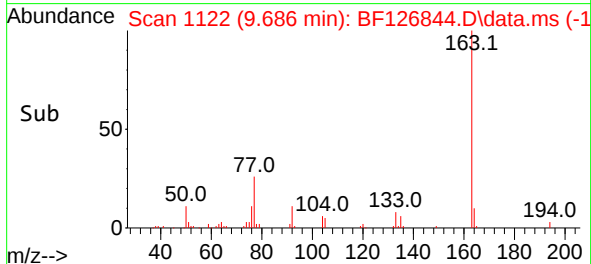
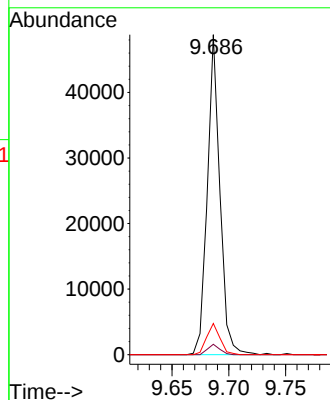
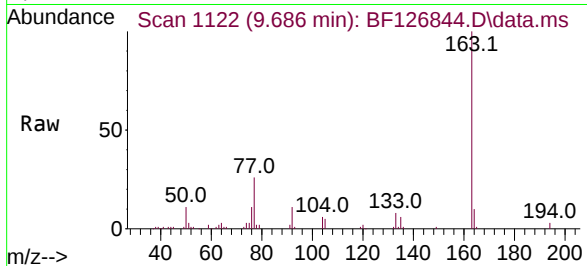




#50  
Dimethylphthalate  
Concen: 2.263 ng  
RT: 9.686 min Scan# 1125  
Delta R.T. -0.018 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

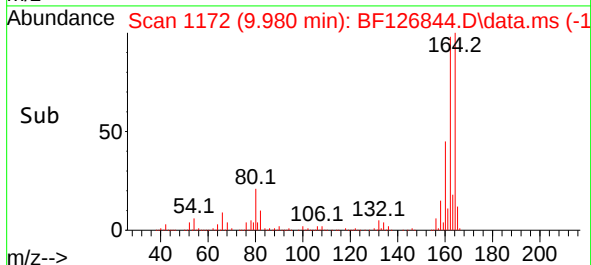
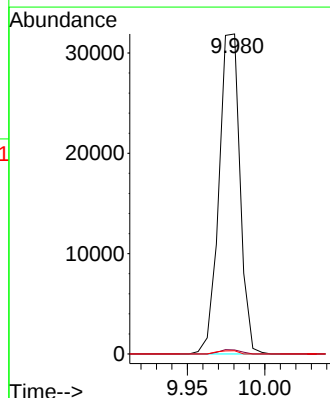
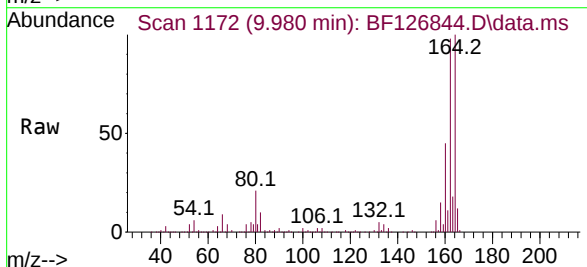
Instrument :  
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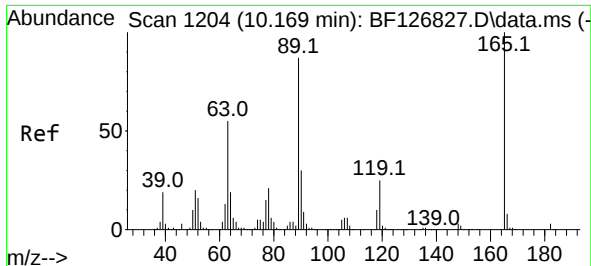
Tgt Ion:163 Resp: 37518  
Ion Ratio Lower Upper  
163 100  
194 3.3 3.0 4.6  
164 9.8 7.8 11.6



#51  
2,6-Dinitrotoluene  
Concen: 8.961 ng  
RT: 9.980 min Scan# 1172  
Delta R.T. 0.211 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Tgt Ion:165 Resp: 30071  
Ion Ratio Lower Upper  
165 100  
63 1.2 49.9 74.9#  
89 1.0 51.0 76.4#

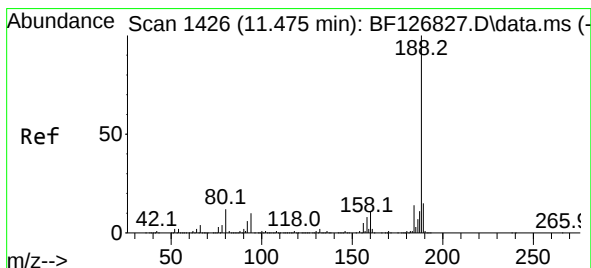
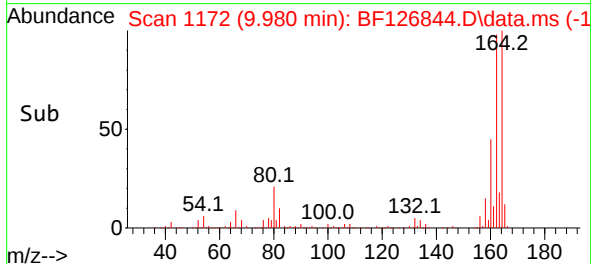
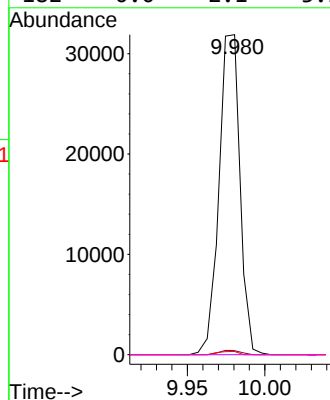
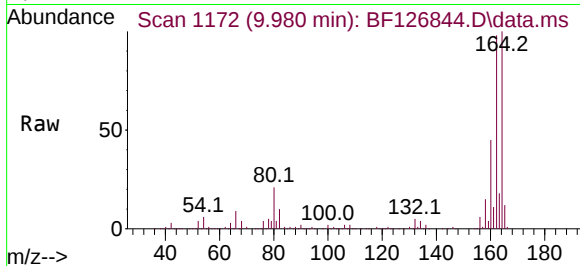




#57  
2,4-Dinitrotoluene  
Concen: 6.778 ng  
RT: 9.980 min Scan# 1172  
Delta R.T. -0.188 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

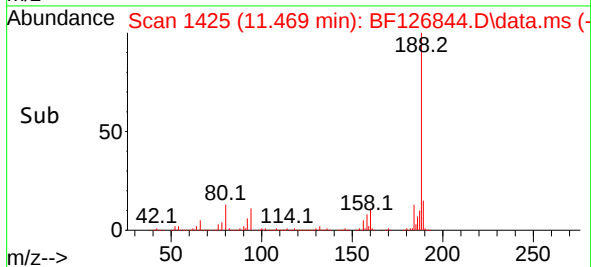
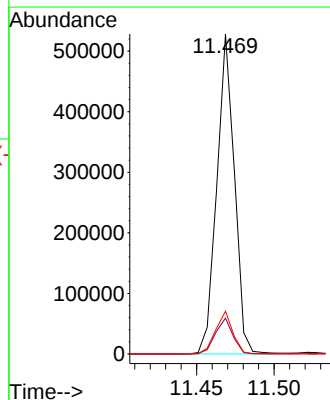
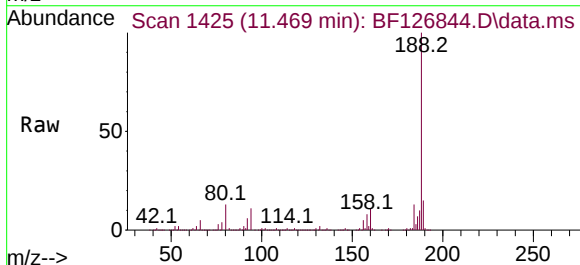
Instrument :  
BNA\_F  
ClientSampleId :  
SP-7

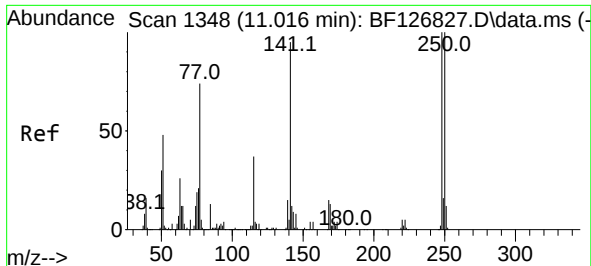
Tgt Ion:165 Resp: 30071  
Ion Ratio Lower Upper  
165 100  
63 1.2 43.9 65.9#  
89 1.0 69.8 104.8#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.469 min Scan# 1425  
Delta R.T. -0.006 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Tgt Ion:188 Resp: 417251  
Ion Ratio Lower Upper  
188 100  
94 11.2 8.1 12.1  
80 13.3 9.5 14.3





#67

4-Bromophenyl-phenylether

Concen: 4.427 ng

RT: 10.769 min Scan# 11

Delta R.T. -0.247 min

Lab File: BF126844.D

Acq: 10 Feb 2022 15:30

Instrument :

BNA\_F

ClientSampleId :

SP-7

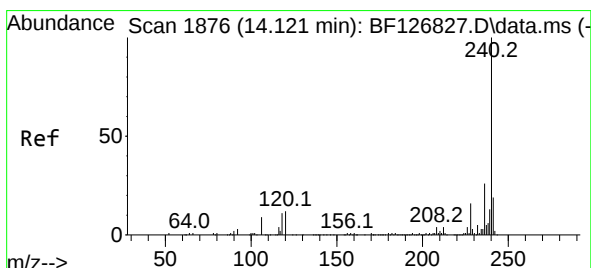
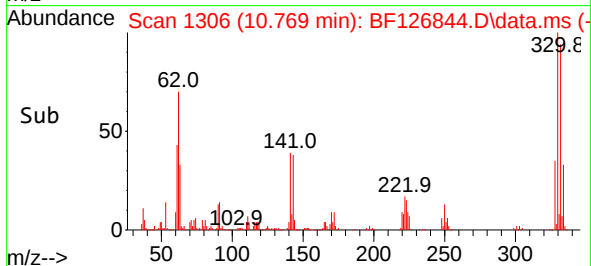
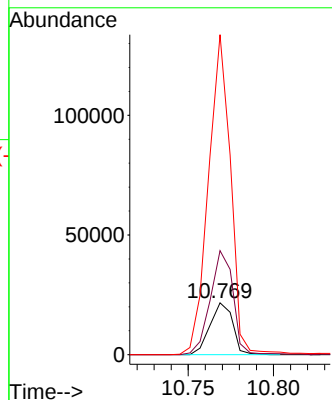
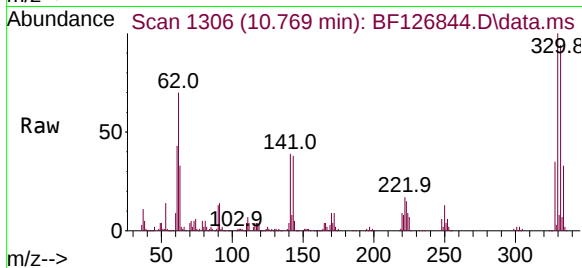
Tgt Ion:248 Resp: 20073

Ion Ratio Lower Upper

248 100

250 200.2 80.0 120.0#

141 616.5 75.6 113.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.110 min Scan# 1874

Delta R.T. -0.012 min

Lab File: BF126844.D

Acq: 10 Feb 2022 15:30

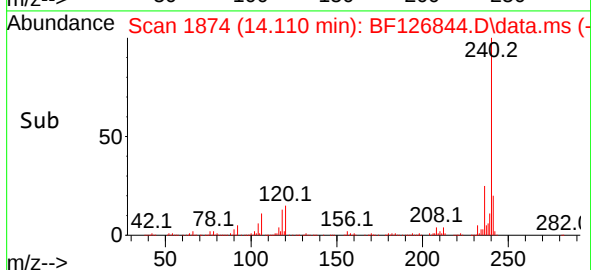
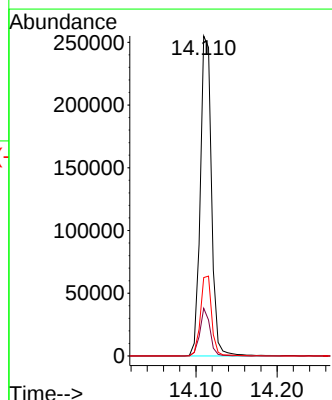
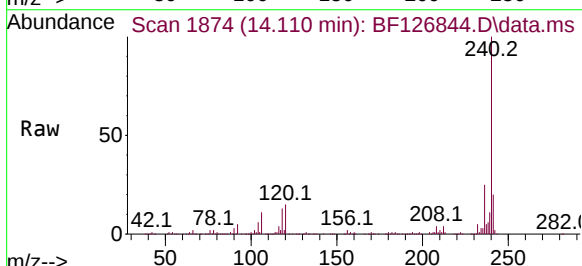
Tgt Ion:240 Resp: 244887

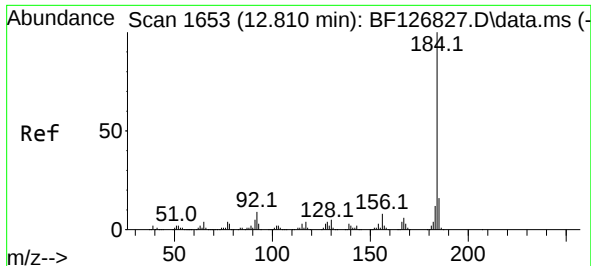
Ion Ratio Lower Upper

240 100

120 14.9 9.8 14.6#

236 24.5 20.5 30.7

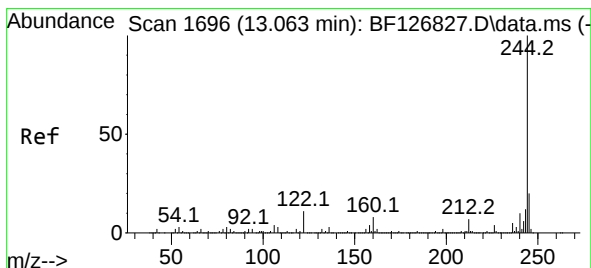
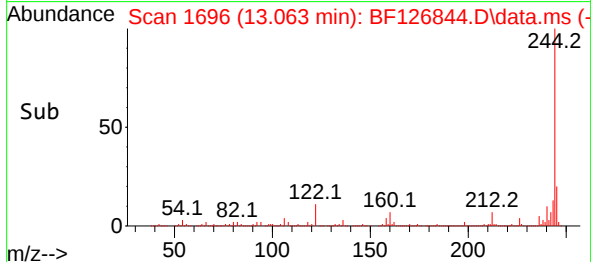
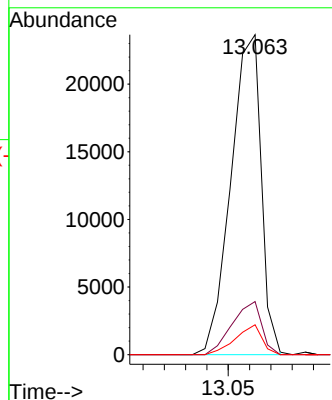
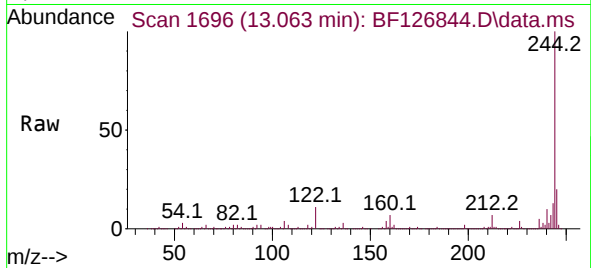




#77  
Benzidine  
Concen: 3.623 ng  
RT: 13.063 min Scan# 1696  
Delta R.T. 0.253 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

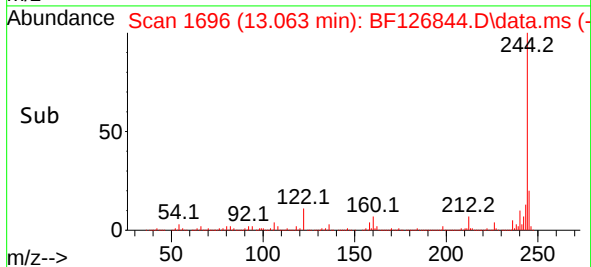
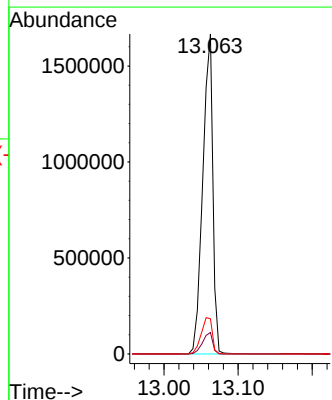
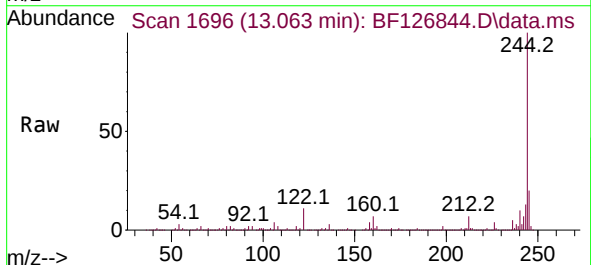
Instrument :  
BNA\_F  
ClientSampleId :  
SP-7

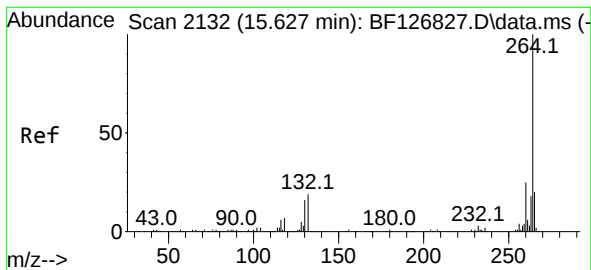
Tgt Ion:184 Resp: 23347  
Ion Ratio Lower Upper  
184 100  
185 16.6 12.5 18.7  
183 9.4 9.6 14.4#



#79  
Terphenyl-d14  
Concen: 91.928 ng  
RT: 13.063 min Scan# 1696  
Delta R.T. -0.000 min  
Lab File: BF126844.D  
Acq: 10 Feb 2022 15:30

Tgt Ion:244 Resp: 1570339  
Ion Ratio Lower Upper  
244 100  
212 6.7 5.6 8.4  
122 11.0 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126844.D

Acq: 10 Feb 2022 15:30

Instrument :

BNA\_F

ClientSampleId :

SP-7

Tgt Ion:264 Resp: 190559

Ion Ratio Lower Upper

264 100

260 22.9 19.6 29.4

265 20.8 15.9 23.9

