

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF021022\  
 Data File : BF126840.D  
 Acq On : 10 Feb 2022 13:35  
 Operator : CG\JU  
 Sample : N1432-08  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SP-3

Quant Time: Feb 10 15:10:51 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

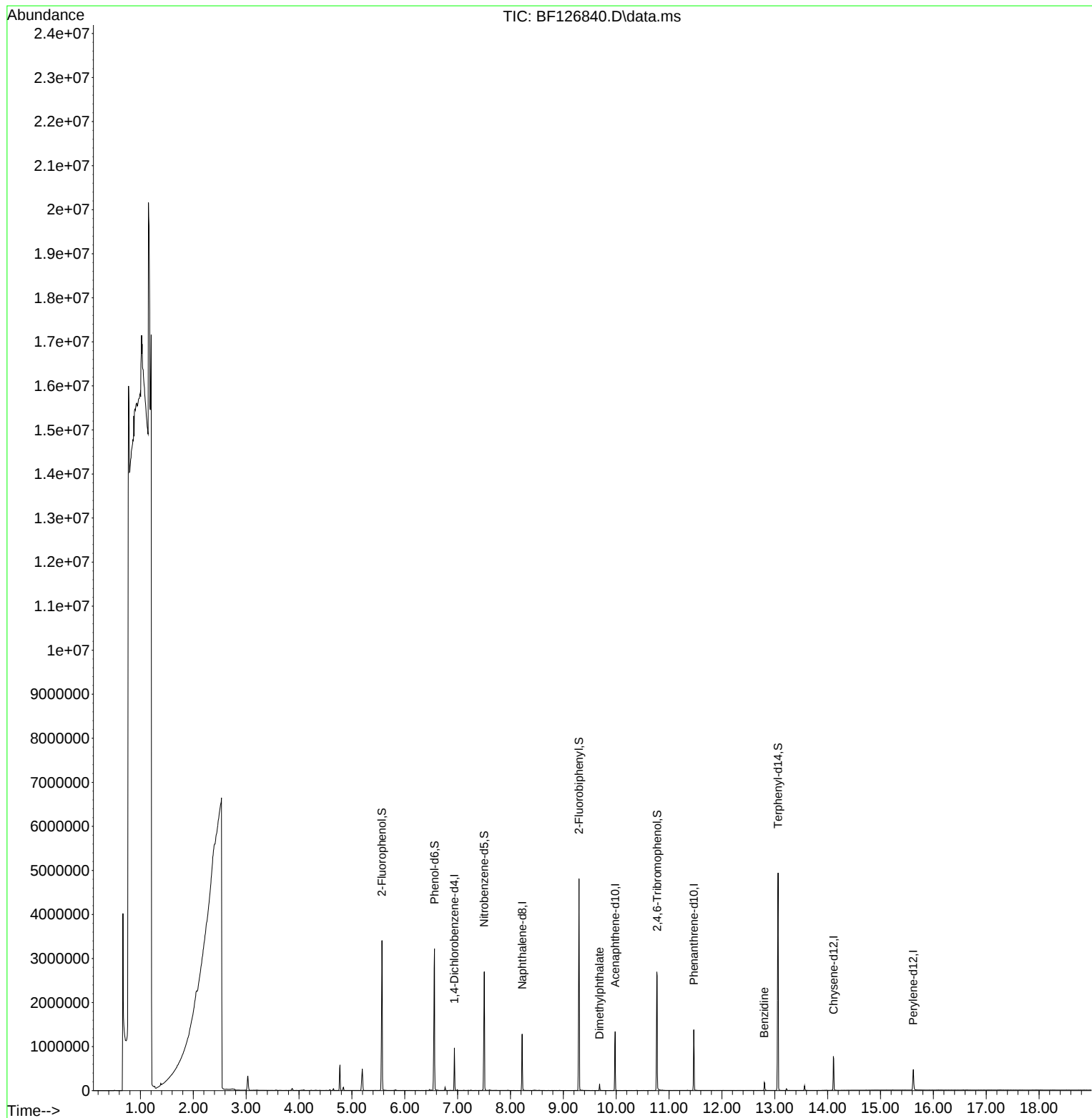
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.939  | 152  | 118648   | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.221  | 136  | 473401   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.980  | 164  | 245763   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.468 | 188  | 436576   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.115 | 240  | 252765   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 15.621 | 264  | 196953   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.568  | 112  | 919968   | 119.381 | ng    | 0.01     |
| 7) Phenol-d6                | 6.562  | 99   | 1133671  | 108.973 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.503  | 82   | 877651   | 85.540  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.774 | 330  | 322651   | 122.460 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.297  | 172  | 1397622  | 85.604  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.062 | 244  | 1626273  | 92.235  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 50) Dimethylphthalate       | 9.686  | 163  | 48208    | 2.772   | ng    | 99       |
| 77) Benzidine               | 12.803 | 184  | 66978    | 10.070  | ng    | 97       |
| -----                       |        |      |          |         |       |          |

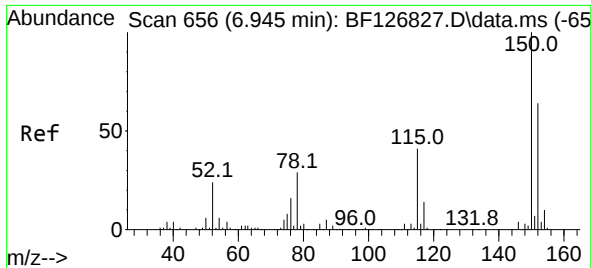
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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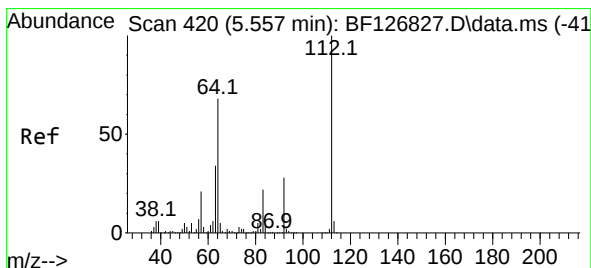
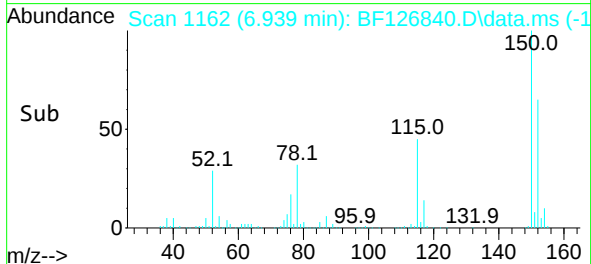
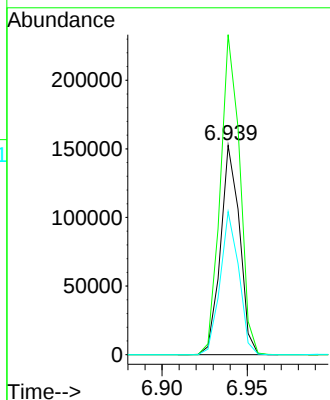
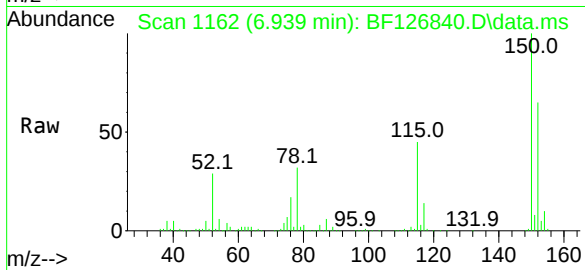




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.939 min Scan# 1162  
Delta R.T. -0.006 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

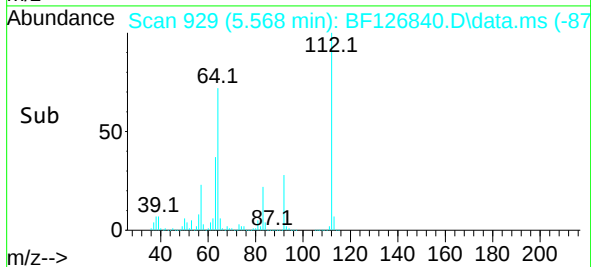
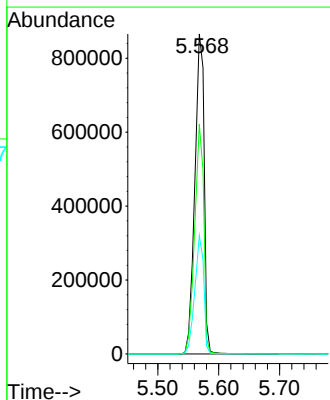
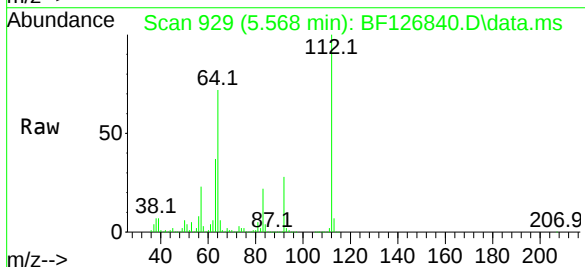
Instrument :  
BNA\_F  
ClientSampleId :  
SP-3

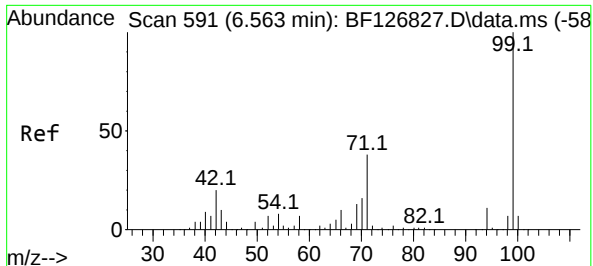
Tgt Ion:152 Resp: 118648  
Ion Ratio Lower Upper  
152 100  
150 152.9 124.3 186.5  
115 68.3 50.5 75.7



#5  
2-Fluorophenol  
Concen: 119.381 ng  
RT: 5.568 min Scan# 929  
Delta R.T. 0.011 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

Tgt Ion:112 Resp: 919968  
Ion Ratio Lower Upper  
112 100  
64 71.7 54.3 81.5  
63 37.0 27.5 41.3

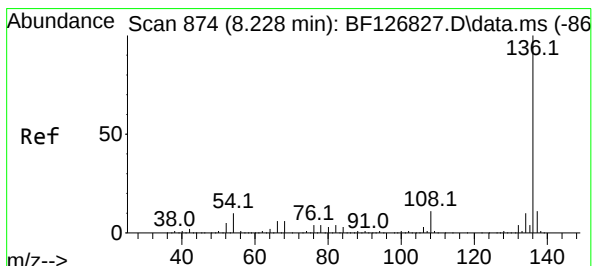
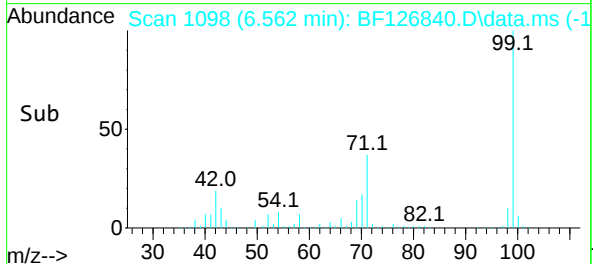
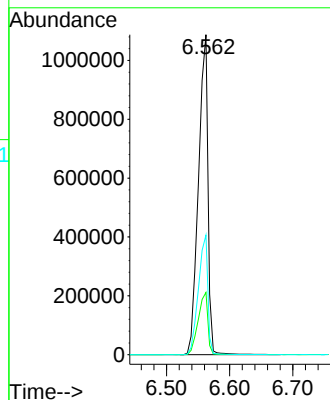
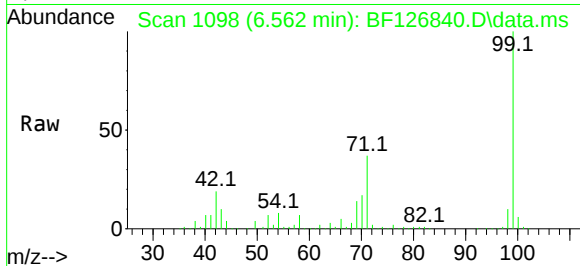




#7  
Phenol-d6  
Concen: 108.973 ng  
RT: 6.562 min Scan# 1098  
Delta R.T. -0.001 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

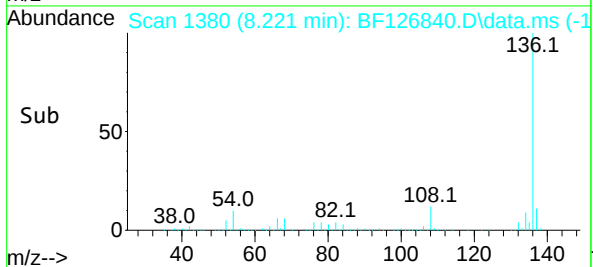
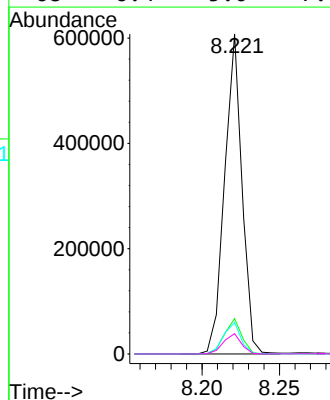
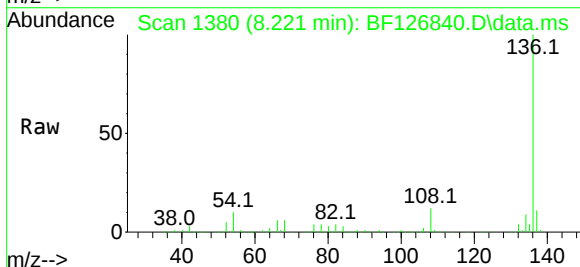
Instrument :  
BNA\_F  
ClientSampleId :  
SP-3

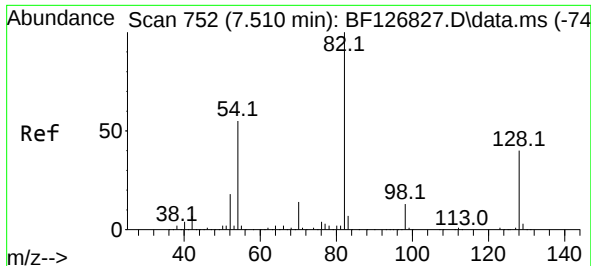
Tgt Ion: 99 Resp: 1133671  
Ion Ratio Lower Upper  
99 100  
42 19.4 15.8 23.6  
71 37.4 30.6 45.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.221 min Scan# 1380  
Delta R.T. -0.007 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

Tgt Ion: 136 Resp: 473401  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.6 12.8  
54 9.8 8.0 12.0  
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 85.540 ng

RT: 7.503 min Scan# 1

Delta R.T. -0.007 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

Instrument :

BNA\_F

ClientSampleId :

SP-3

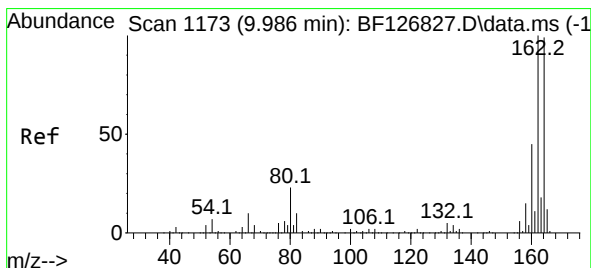
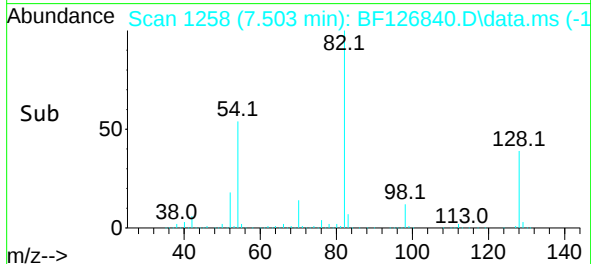
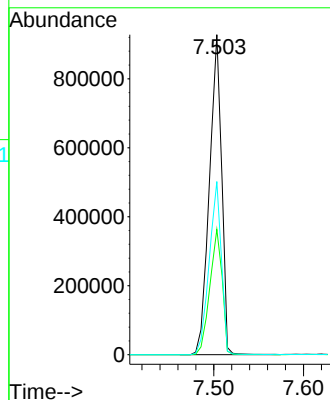
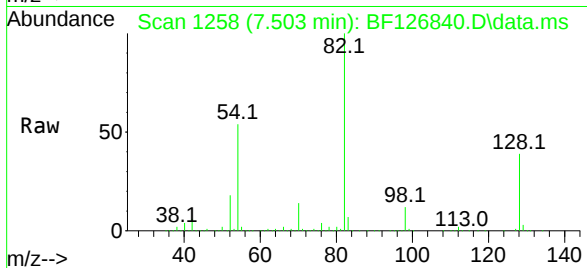
Tgt Ion: 82 Resp: 877651

Ion Ratio Lower Upper

82 100

128 39.1 31.6 47.4

54 54.1 43.7 65.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.980 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

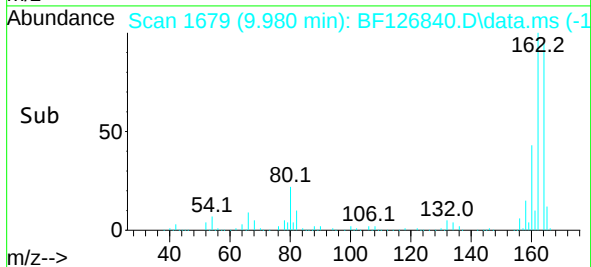
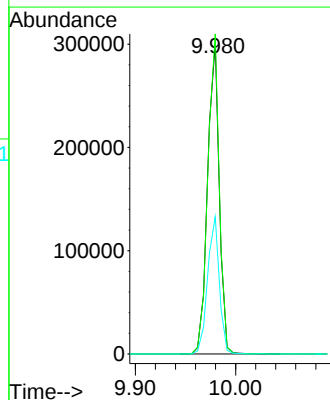
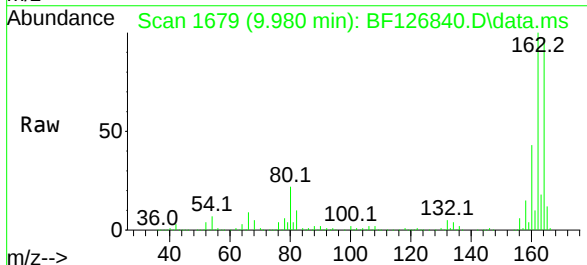
Tgt Ion:164 Resp: 245763

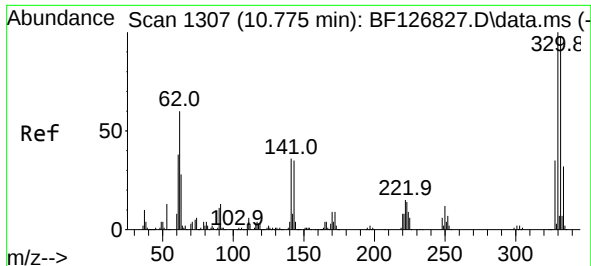
Ion Ratio Lower Upper

164 100

162 103.1 80.9 121.3

160 44.2 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 122.460 ng

RT: 10.774 min Scan# 1563

Delta R.T. -0.001 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

Instrument :

BNA\_F

ClientSampleId :

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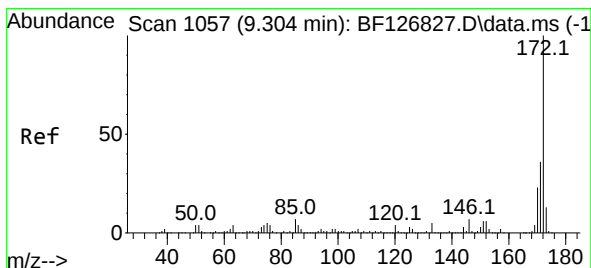
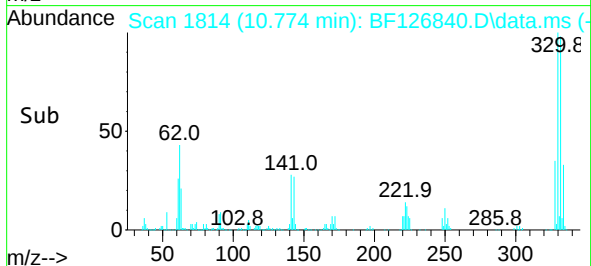
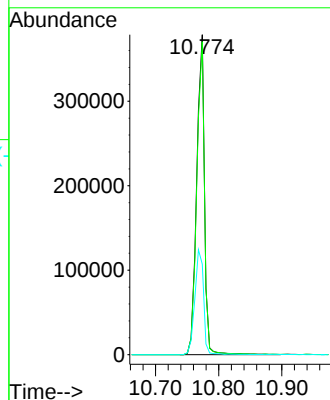
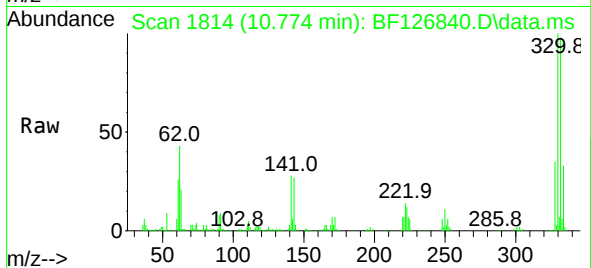
Tgt Ion:330 Resp: 322651

Ion Ratio Lower Upper

330 100

332 97.1 78.2 117.4

141 37.0 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 85.604 ng

RT: 9.297 min Scan# 1563

Delta R.T. -0.007 min

Lab File: BF126840.D

Acq: 10 Feb 2022 13:35

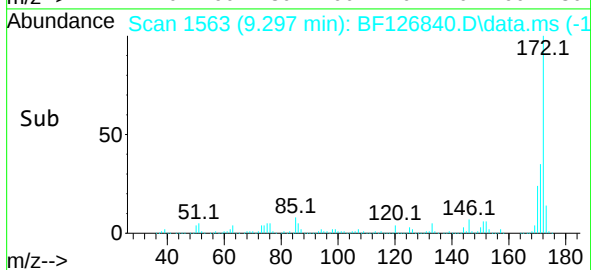
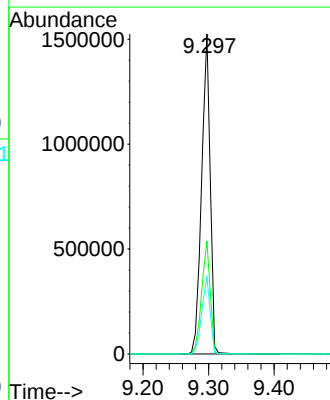
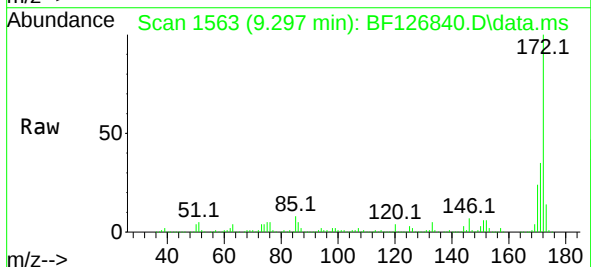
Tgt Ion:172 Resp: 1397622

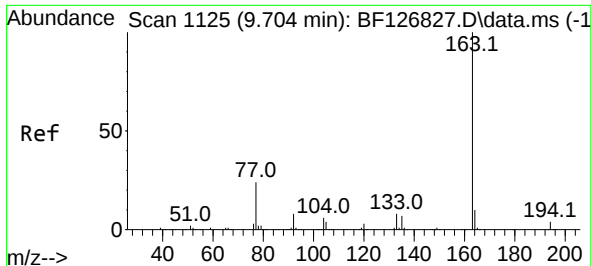
Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 24.0 18.7 28.1

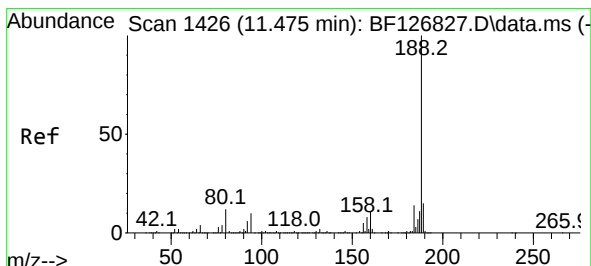
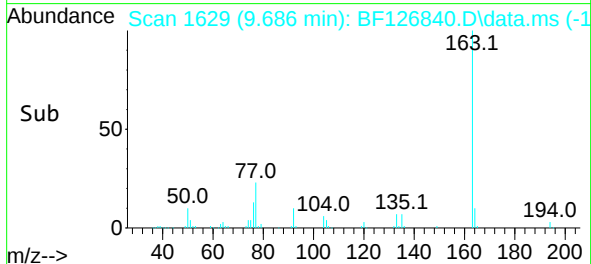
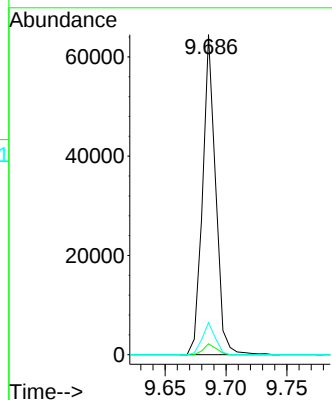
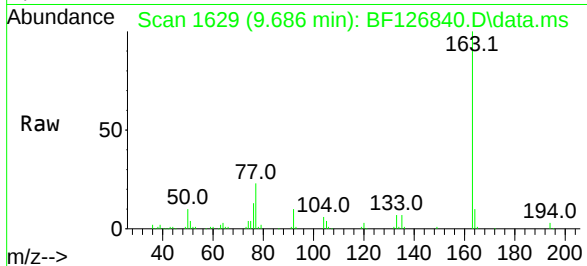




#50  
Dimethylphthalate  
Concen: 2.772 ng  
RT: 9.686 min Scan# 1  
Delta R.T. -0.018 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

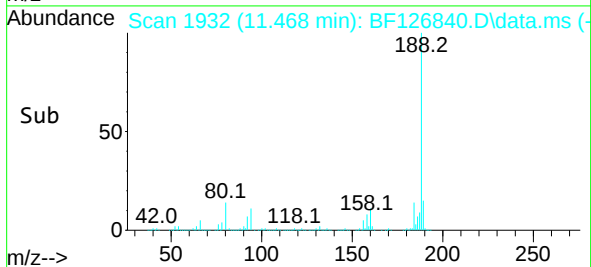
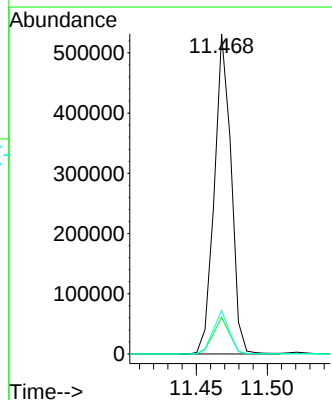
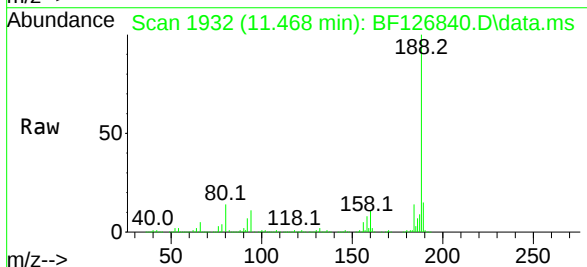
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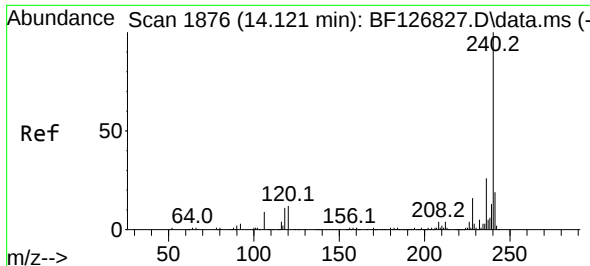
Tgt Ion:163 Resp: 48208  
Ion Ratio Lower Upper  
163 100  
194 3.4 3.0 4.6  
164 10.0 7.8 11.6



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.468 min Scan# 1932  
Delta R.T. -0.007 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

Tgt Ion:188 Resp: 436576  
Ion Ratio Lower Upper  
188 100  
94 11.5 8.1 12.1  
80 13.5 9.5 14.3

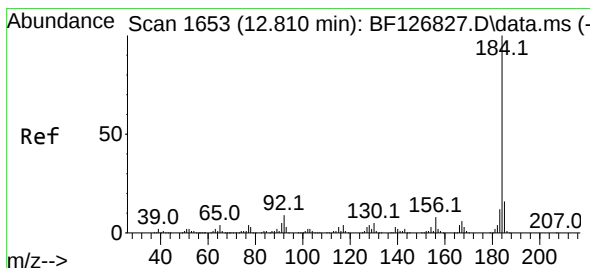
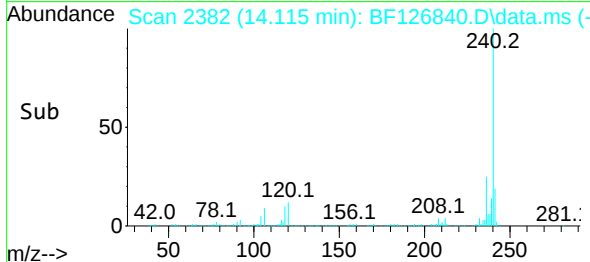
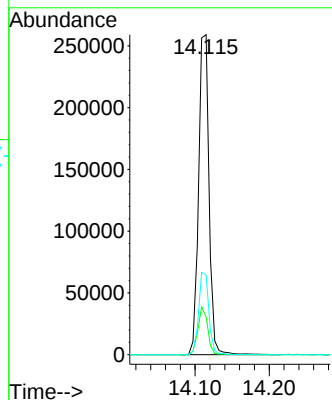
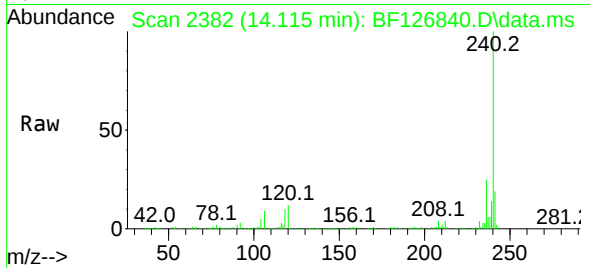




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.115 min Scan# 2115  
Delta R.T. -0.007 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

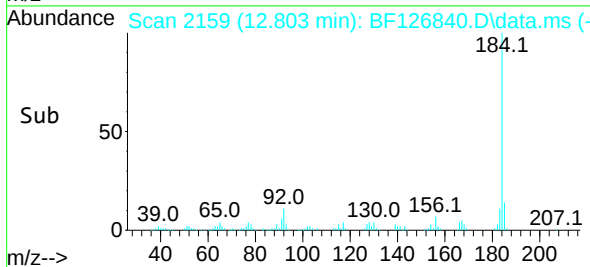
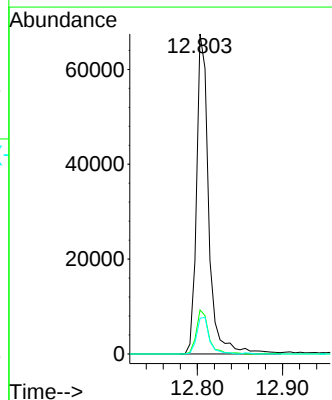
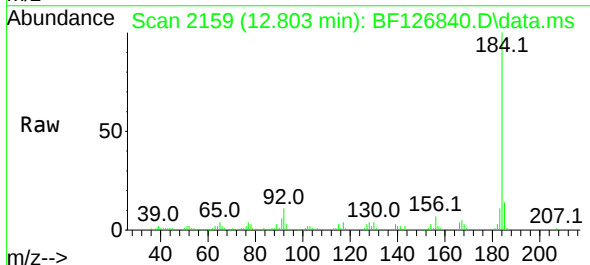
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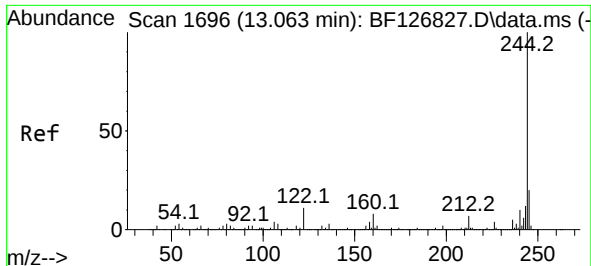
Tgt Ion:240 Resp: 252765  
Ion Ratio Lower Upper  
240 100  
120 11.9 9.8 14.6  
236 24.9 20.5 30.7



#77  
Benzidine  
Concen: 10.070 ng  
RT: 12.803 min Scan# 2159  
Delta R.T. -0.007 min  
Lab File: BF126840.D  
Acq: 10 Feb 2022 13:35

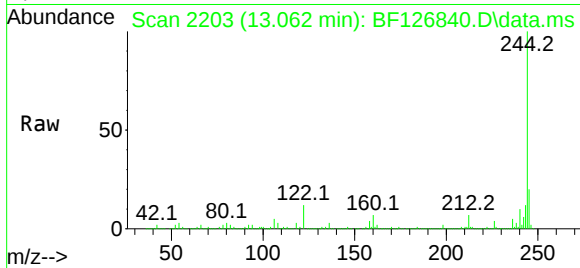
Tgt Ion:184 Resp: 66978  
Ion Ratio Lower Upper  
184 100  
185 13.7 12.5 18.7  
183 11.2 9.6 14.4



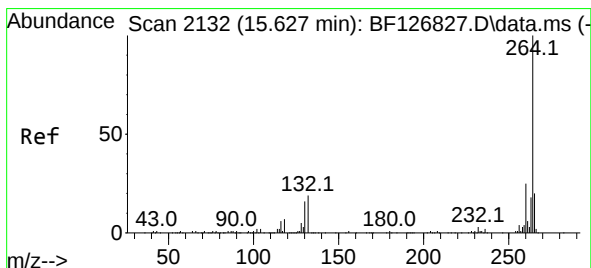
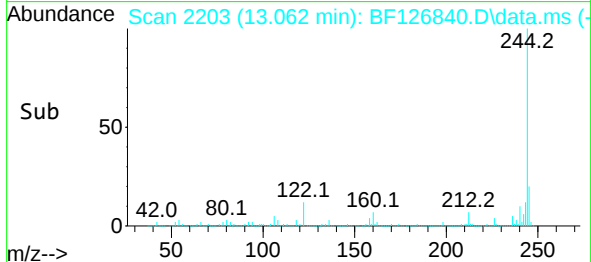
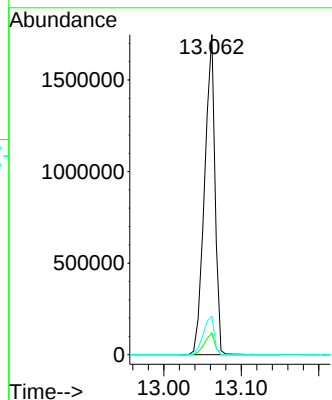


#79  
 Terphenyl-d14  
 Concen: 92.235 ng  
 RT: 13.062 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BF126840.D  
 Acq: 10 Feb 2022 13:35

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 ClientSampleId :  
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Tgt Ion:244 Resp: 1626273  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.6 8.4  
 122 12.0 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.621 min Scan# 2638  
 Delta R.T. -0.007 min  
 Lab File: BF126840.D  
 Acq: 10 Feb 2022 13:35

Tgt Ion:264 Resp: 196953  
 Ion Ratio Lower Upper  
 264 100  
 260 22.9 19.6 29.4  
 265 21.0 15.9 23.9

