

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042822\  
 Data File : BF127978.D  
 Acq On : 28 Apr 2022 13:55  
 Operator : CG\JU  
 Sample : N2481-09  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-16SR

Quant Time: Apr 28 17:24:06 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 28 05:13:03 2022  
 Response via : Initial Calibration

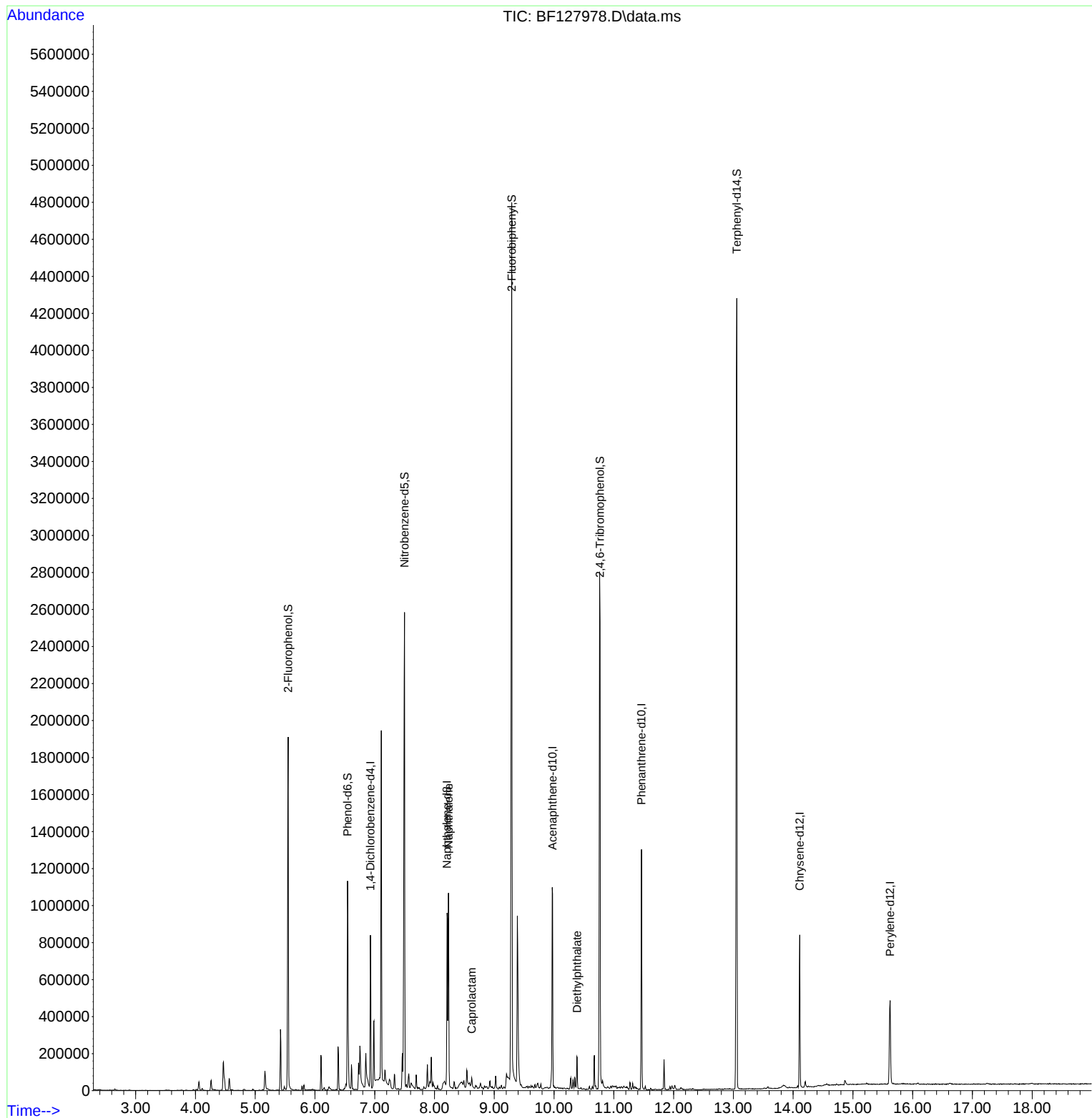
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min)  |
|-----------------------------|--------|------|----------|---------|-------|-----------|
| -----                       |        |      |          |         |       |           |
| Internal Standards          |        |      |          |         |       |           |
| 1) 1,4-Dichlorobenzene-d4   | 6.928  | 152  | 108626   | 20.000  | ng    | 0.00      |
| 21) Naphthalene-d8          | 8.210  | 136  | 419107   | 20.000  | ng    | 0.00      |
| 39) Acenaphthene-d10        | 9.975  | 164  | 239904   | 20.000  | ng    | 0.00      |
| 64) Phenanthrene-d10        | 11.463 | 188  | 435704   | 20.000  | ng    | 0.00      |
| 76) Chrysene-d12            | 14.110 | 240  | 277982   | 20.000  | ng    | 0.00      |
| 86) Perylene-d12            | 15.621 | 264  | 219680   | 20.000  | ng    | 0.00      |
| System Monitoring Compounds |        |      |          |         |       |           |
| 5) 2-Fluorophenol           | 5.552  | 112  | 471472   | 69.132  | ng    | 0.00      |
| 7) Phenol-d6                | 6.546  | 99   | 386259   | 43.649  | ng    | -0.02     |
| 23) Nitrobenzene-d5         | 7.498  | 82   | 935507   | 104.965 | ng    | 0.00      |
| 42) 2,4,6-Tribromophenol    | 10.769 | 330  | 365558   | 151.367 | ng    | 0.00      |
| 45) 2-Fluorobiphenyl        | 9.292  | 172  | 1464500  | 103.273 | ng    | 0.00      |
| 79) Terphenyl-d14           | 13.057 | 244  | 1591546  | 104.692 | ng    | 0.00      |
| Target Compounds            |        |      |          |         |       |           |
| 31) Naphthalene             | 8.234  | 128  | 411962   | 19.299  | ng    | Qvalue 99 |
| 35) Caprolactam             | 8.622  | 113  | 6445     | 3.135   | ng    | # 81      |
| 60) Diethylphthalate        | 10.386 | 149  | 59995    | 3.803   | ng    | 99        |
| -----                       |        |      |          |         |       |           |

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

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ClientSampleId :  
MW-16SR

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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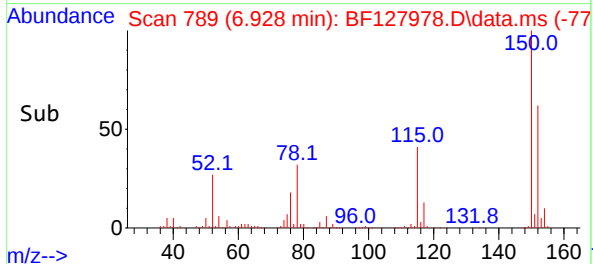
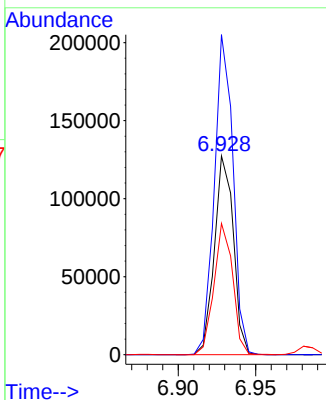
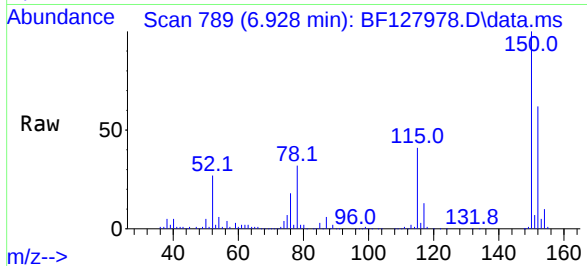




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.928 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

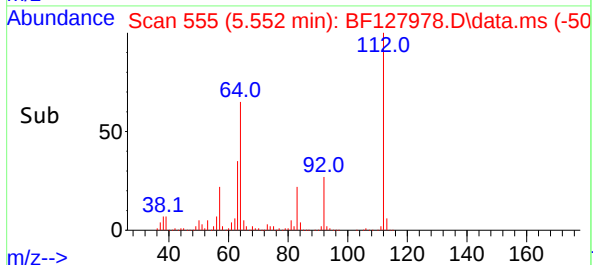
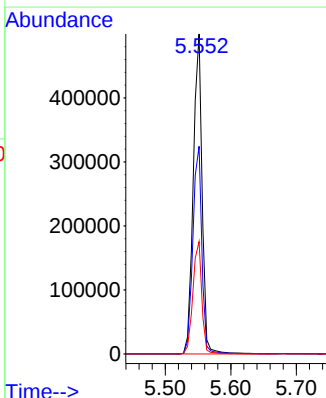
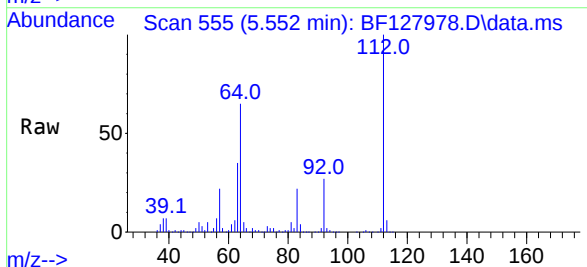
Instrument :  
BNA\_F  
ClientSampleId :  
MW-16SR

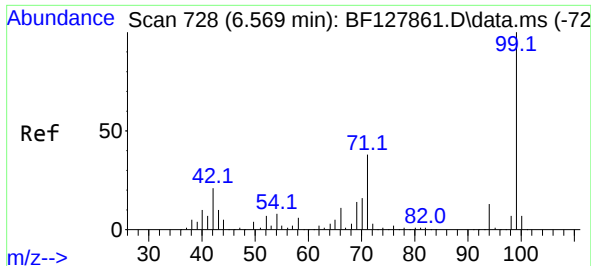
Tgt Ion:152 Resp: 108626  
Ion Ratio Lower Upper  
152 100  
150 161.0 125.3 187.9  
115 66.0 48.8 73.2



#5  
2-Fluorophenol  
Concen: 69.132 ng  
RT: 5.552 min Scan# 555  
Delta R.T. 0.000 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

Tgt Ion:112 Resp: 471472  
Ion Ratio Lower Upper  
112 100  
64 64.9 49.5 74.3  
63 35.1 26.3 39.5

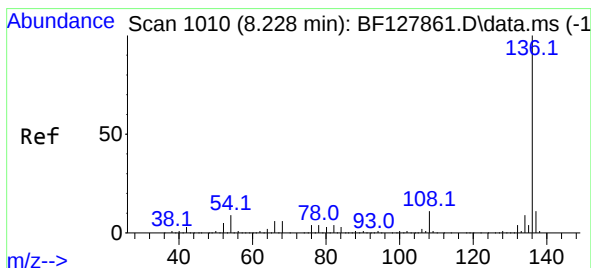
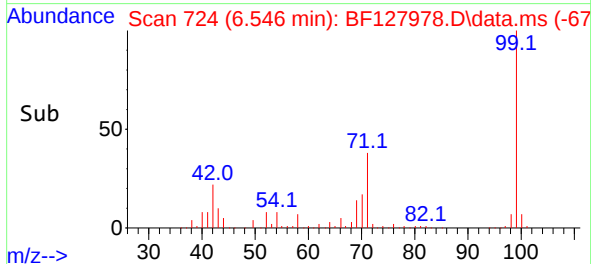
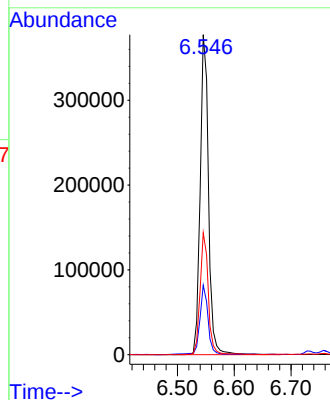
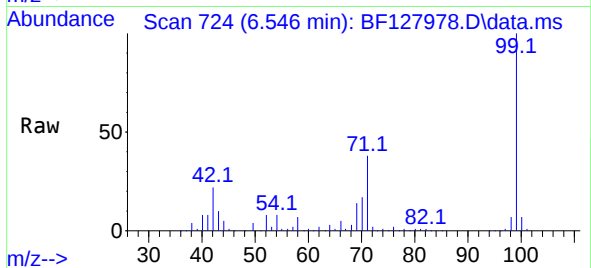




#7  
Phenol-d6  
Concen: 43.649 ng  
RT: 6.546 min Scan# 71  
Delta R.T. -0.017 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

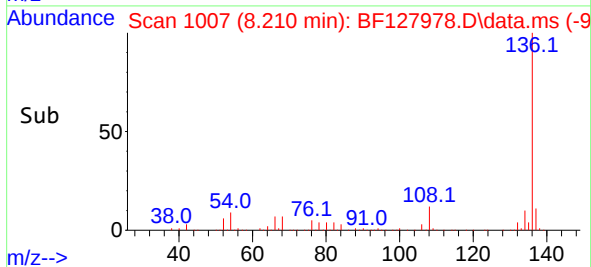
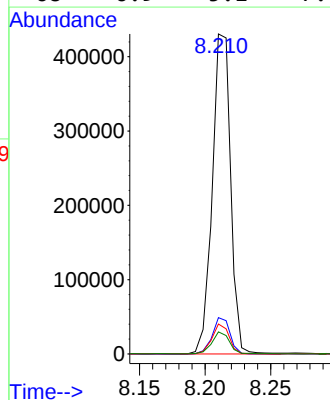
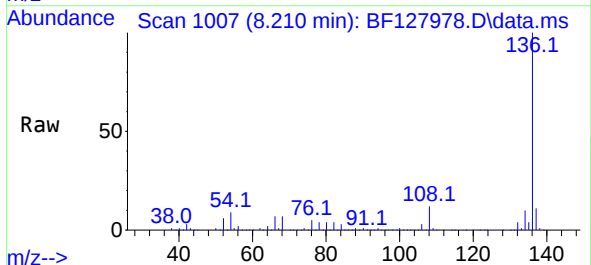
Instrument :  
BNA\_F  
ClientSampleId :  
MW-16SR

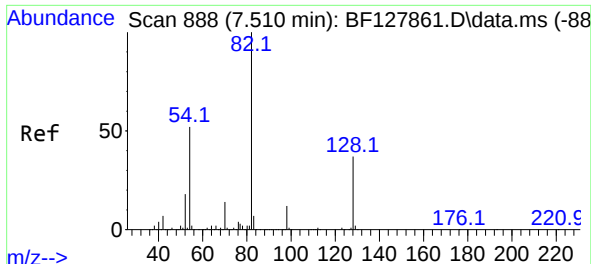
Tgt Ion: 99 Resp: 386259  
Ion Ratio Lower Upper  
99 100  
42 21.7 16.6 24.8  
71 38.1 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.210 min Scan# 1007  
Delta R.T. -0.006 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

Tgt Ion: 136 Resp: 419107  
Ion Ratio Lower Upper  
136 100  
137 11.3 8.6 13.0  
54 9.4 6.8 10.2  
68 6.9 5.1 7.7





#23

Nitrobenzene-d5

Concen: 104.965 ng

RT: 7.498 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

Instrument :

BNA\_F

ClientSampleId :

MW-16SR

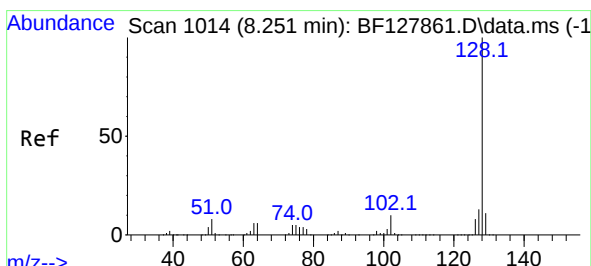
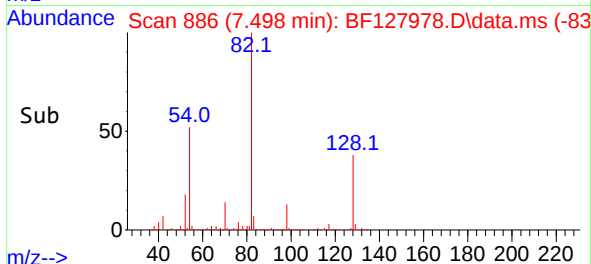
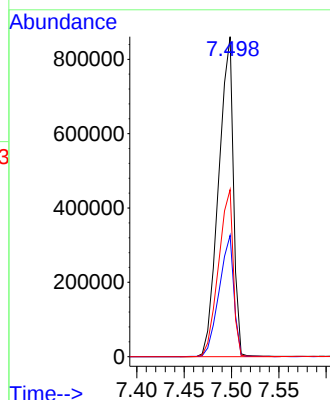
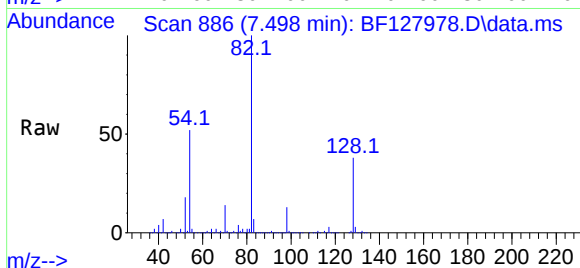
Tgt Ion: 82 Resp: 935507

Ion Ratio Lower Upper

82 100

128 37.9 30.0 45.0

54 52.2 41.3 61.9



#31

Naphthalene

Concen: 19.299 ng

RT: 8.234 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

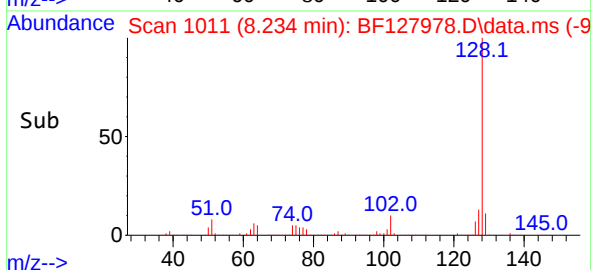
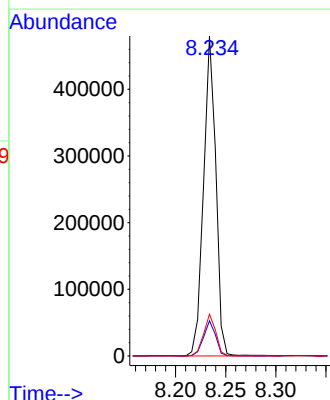
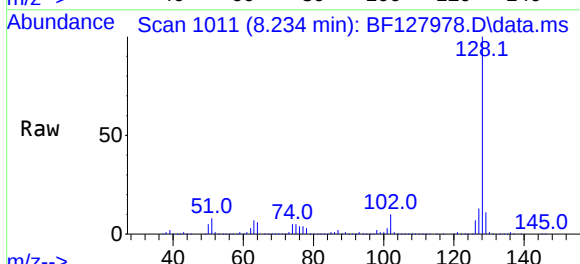
Tgt Ion:128 Resp: 411962

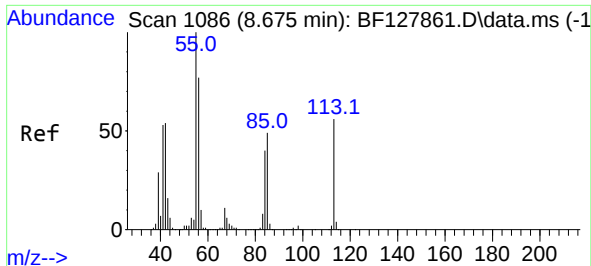
Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.0 10.6 16.0

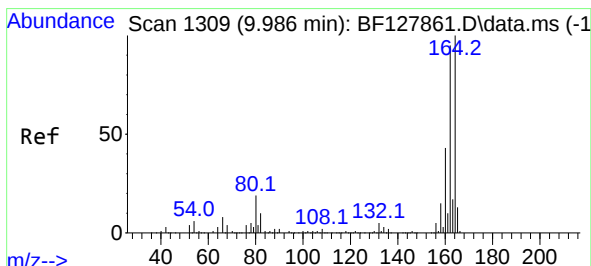
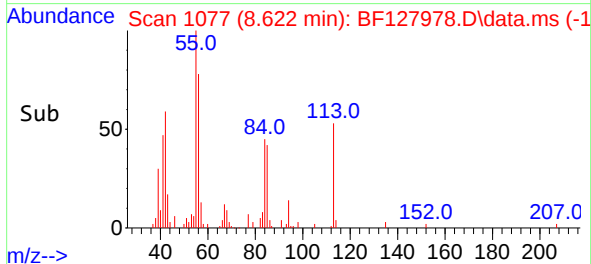
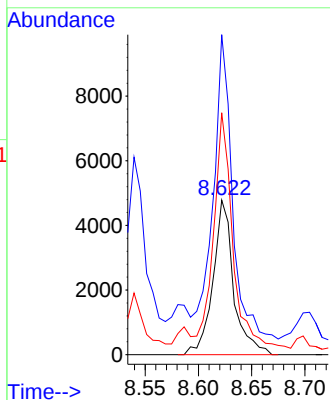
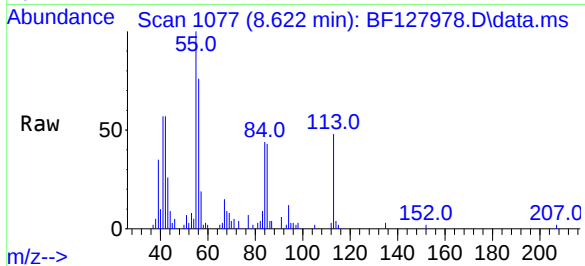




#35  
Caprolactam  
Concen: 3.135 ng  
RT: 8.622 min Scan# 1086  
Delta R.T. -0.047 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

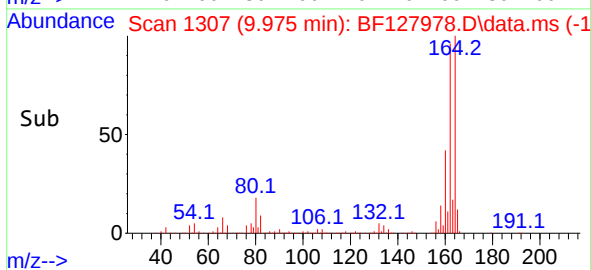
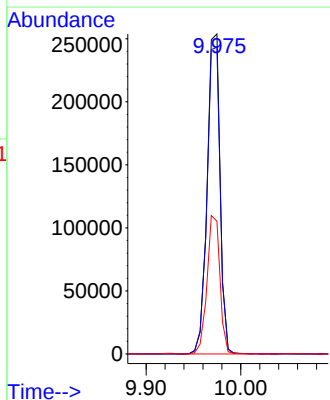
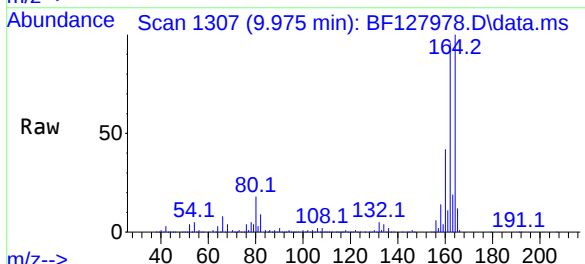
Instrument :  
BNA\_F  
ClientSampleId :  
MW-16SR

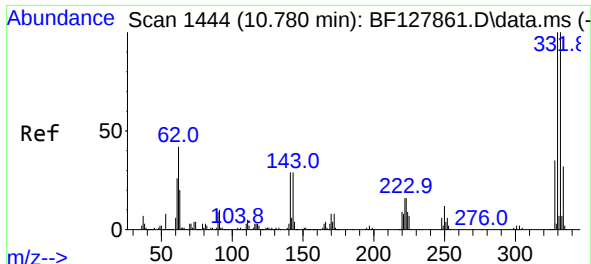
Tgt Ion:113 Resp: 6445  
Ion Ratio Lower Upper  
113 100  
55 207.1 157.4 197.4#  
56 156.5 116.1 156.1#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.975 min Scan# 1307  
Delta R.T. 0.000 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

Tgt Ion:164 Resp: 239904  
Ion Ratio Lower Upper  
164 100  
162 95.8 76.0 114.0  
160 41.5 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 151.367 ng

RT: 10.769 min Scan# 1444

Delta R.T. 0.000 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

Instrument :

BNA\_F

ClientSampleId :

MW-16SR

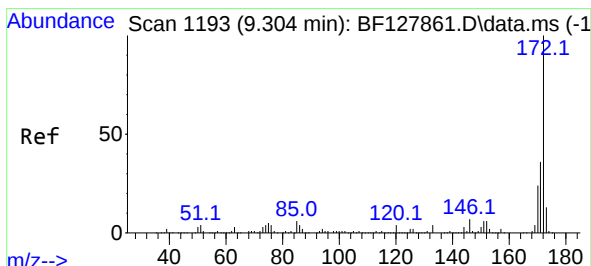
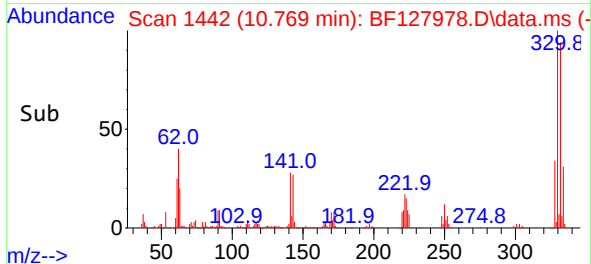
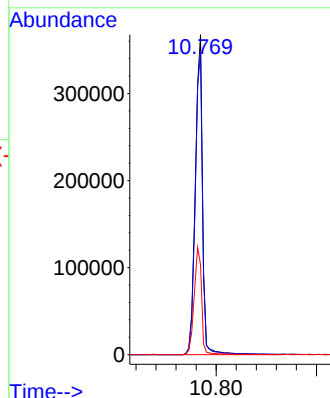
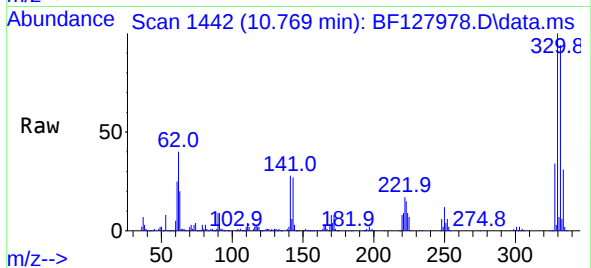
Tgt Ion:330 Resp: 365558

Ion Ratio Lower Upper

330 100

332 95.6 79.0 118.4

141 34.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 103.273 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127978.D

Acq: 28 Apr 2022 13:55

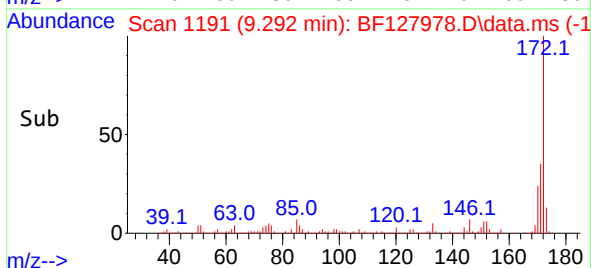
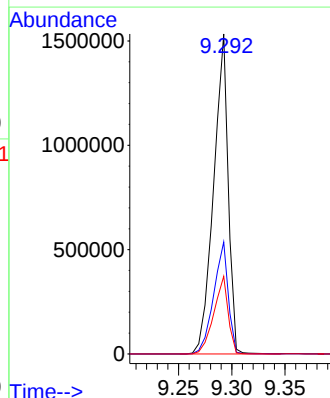
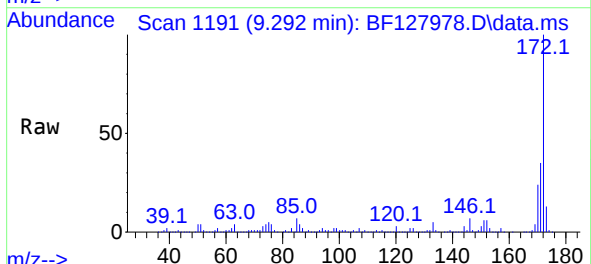
Tgt Ion:172 Resp: 1464500

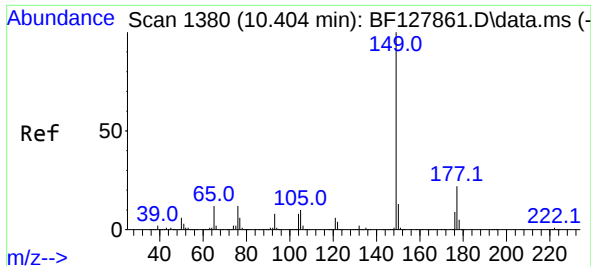
Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 24.2 19.1 28.7

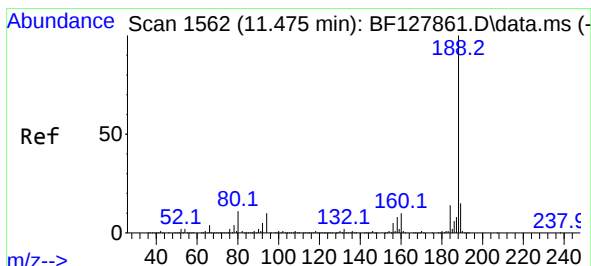
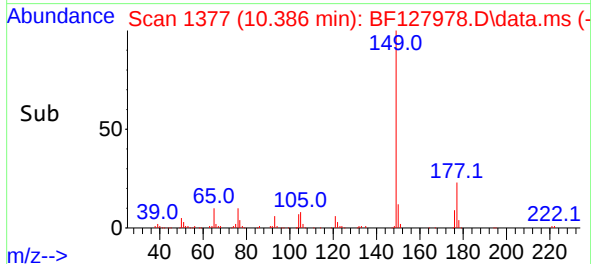
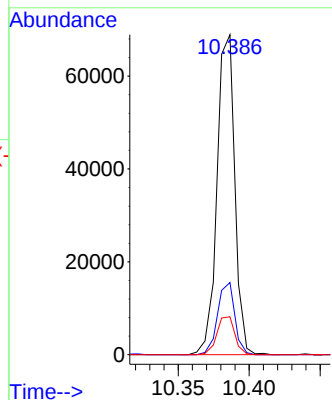
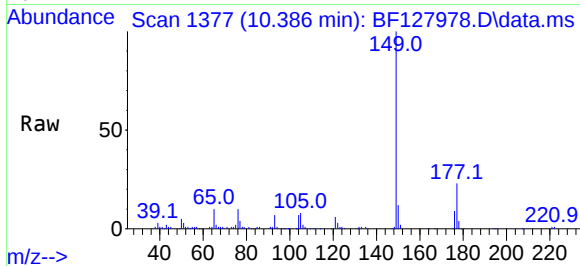




#60  
Diethylphthalate  
Concen: 3.803 ng  
RT: 10.386 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

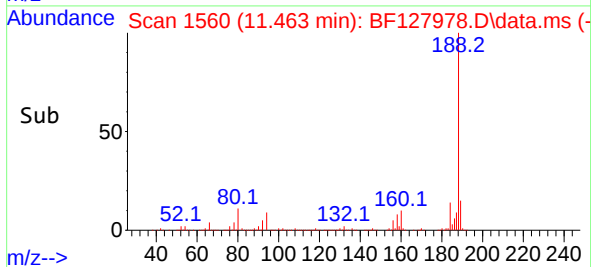
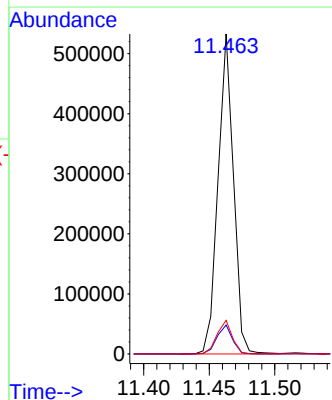
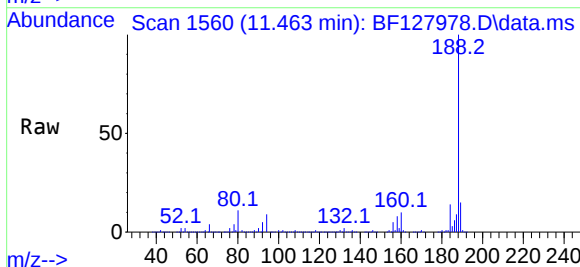
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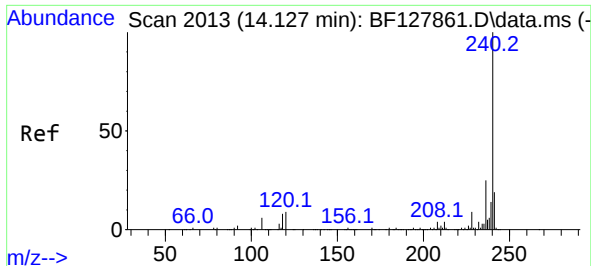
Tgt Ion:149 Resp: 59995  
Ion Ratio Lower Upper  
149 100  
177 22.6 17.8 26.8  
150 11.8 10.2 15.2



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.463 min Scan# 1560  
Delta R.T. -0.006 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

Tgt Ion:188 Resp: 435704  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.0 12.0  
80 10.5 8.9 13.3

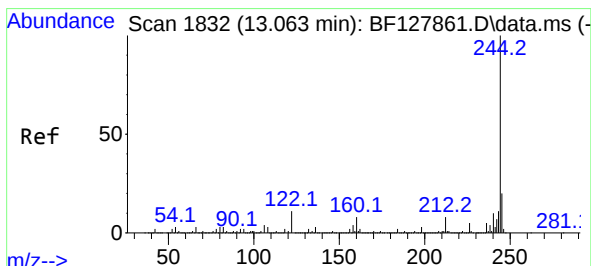
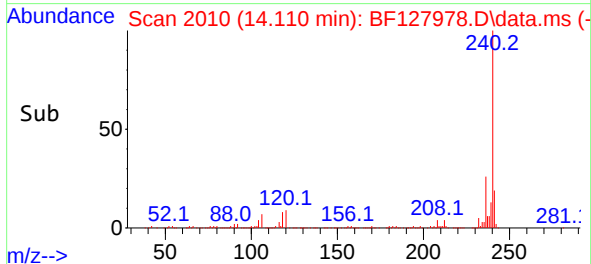
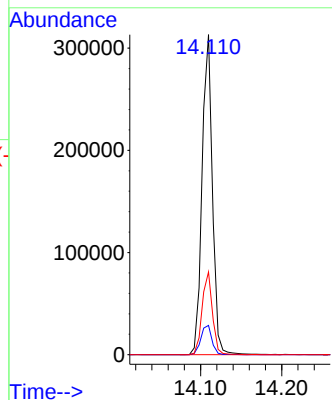
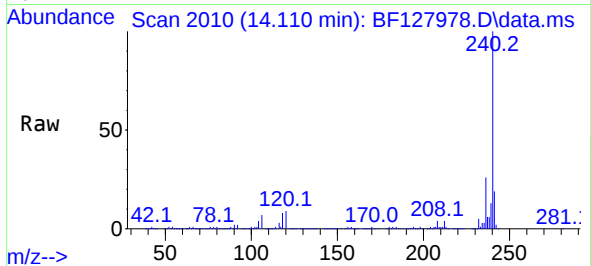




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.110 min Scan# 2013  
Delta R.T. -0.006 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

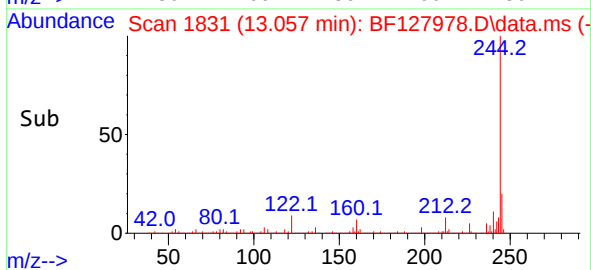
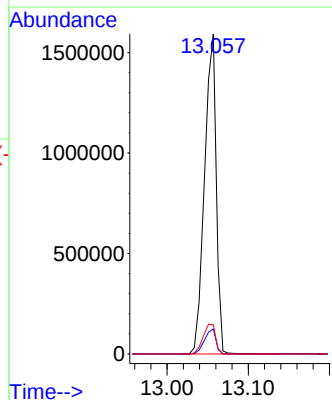
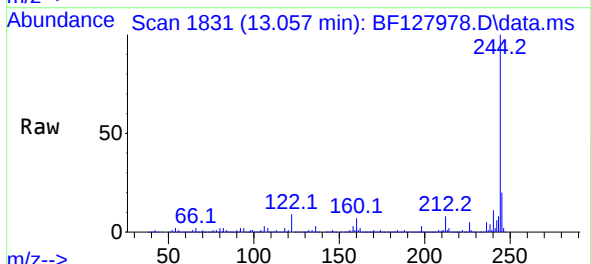
Instrument :  
BNA\_F  
ClientSampleId :  
MW-16SR

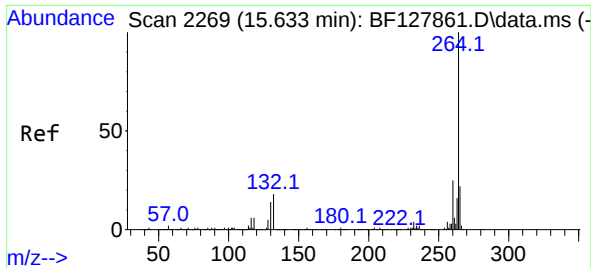
Tgt Ion:240 Resp: 277982  
Ion Ratio Lower Upper  
240 100  
120 9.1 7.0 10.6  
236 25.9 20.3 30.5



#79  
Terphenyl-d14  
Concen: 104.692 ng  
RT: 13.057 min Scan# 1831  
Delta R.T. 0.000 min  
Lab File: BF127978.D  
Acq: 28 Apr 2022 13:55

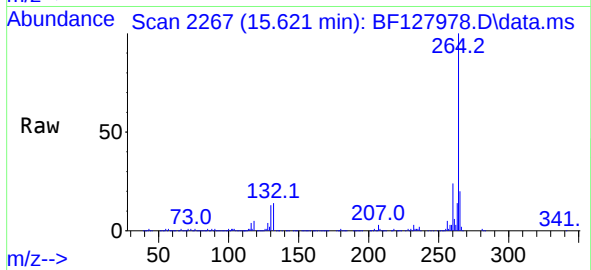
Tgt Ion:244 Resp: 1591546  
Ion Ratio Lower Upper  
244 100  
212 7.8 6.2 9.4  
122 9.2 8.6 12.8





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.621 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF127978.D  
 Acq: 28 Apr 2022 13:55

Instrument :  
 BNA\_F  
 ClientSampleId :  
 MW-16SR



Tgt Ion:264 Resp: 219680  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 20.1 30.1  
 265 19.7 17.5 26.3

