

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030822\  
 Data File : BF127261.D  
 Acq On : 08 Mar 2022 16:31  
 Operator : CG\JU  
 Sample : N1763-08  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-2-SAMPLE-LOCATION-1

Quant Time: Mar 09 01:19:05 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 02:16:58 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 77654    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.163  | 136  | 310713   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.922  | 164  | 143280   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 201268   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.063 | 240  | 126754   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.563 | 264  | 102599   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 624748   | 124.346 | ng    | 0.00     |
| 7) Phenol-d6                | 6.516  | 99   | 714423   | 105.379 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 463030   | 67.264  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.716 | 330  | 156556   | 94.901  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.239  | 172  | 700856   | 72.011  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 467593   | 54.229  | ng    | 0.00     |

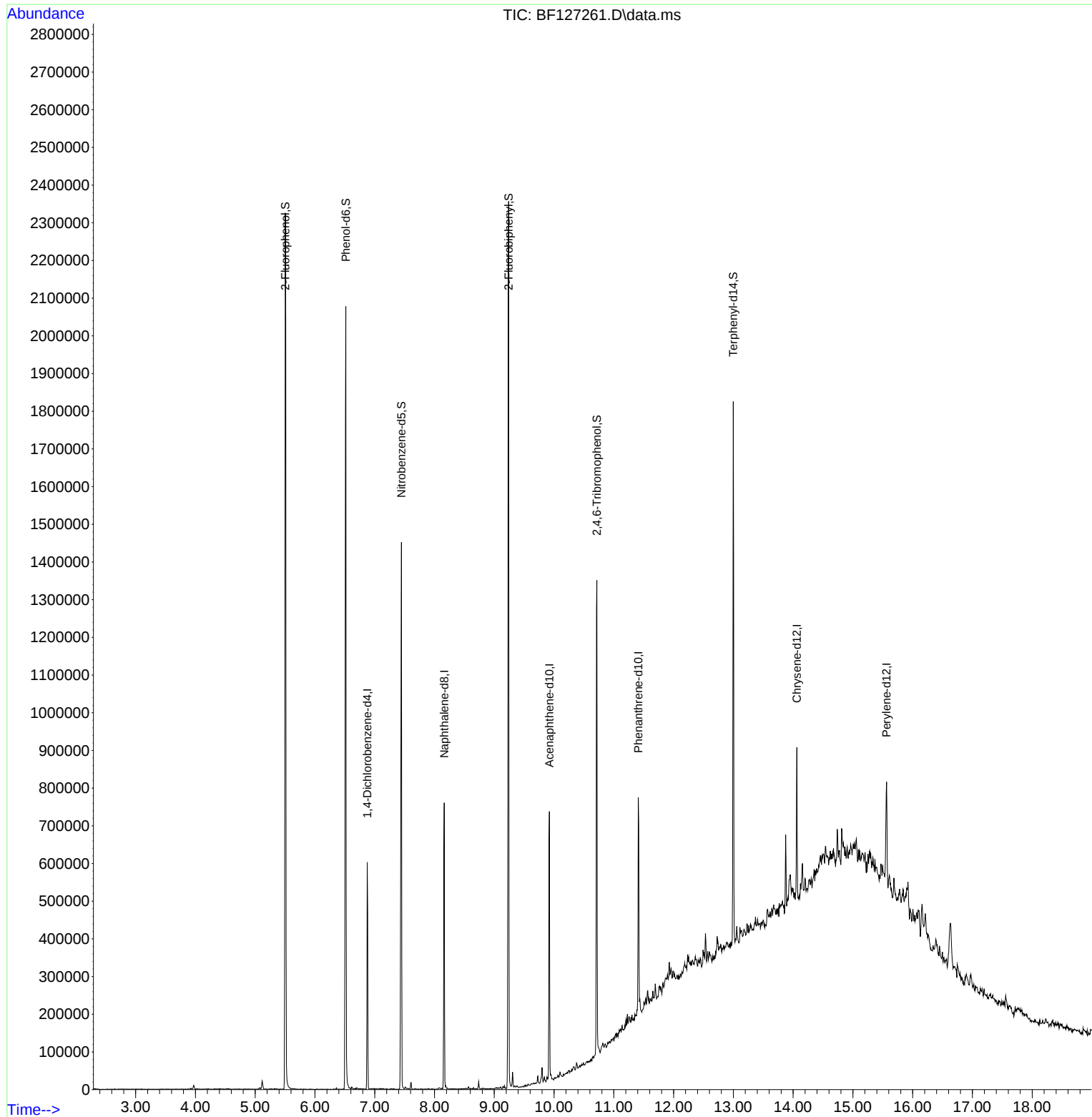
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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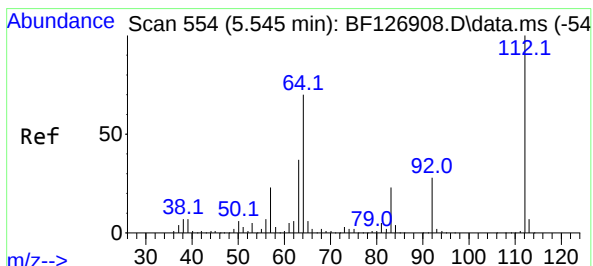
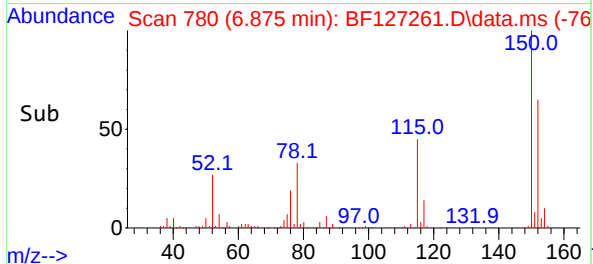
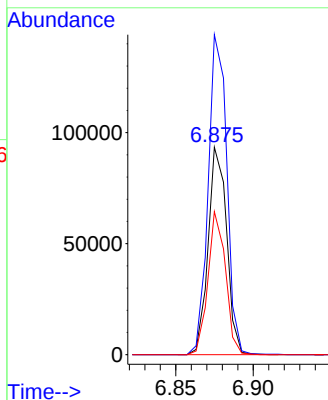
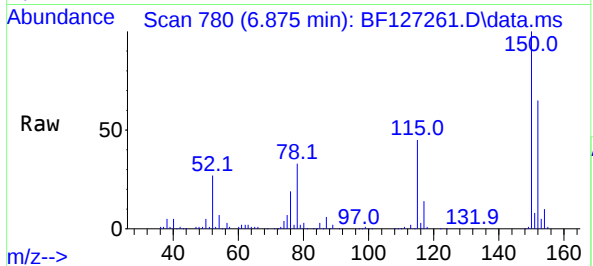




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

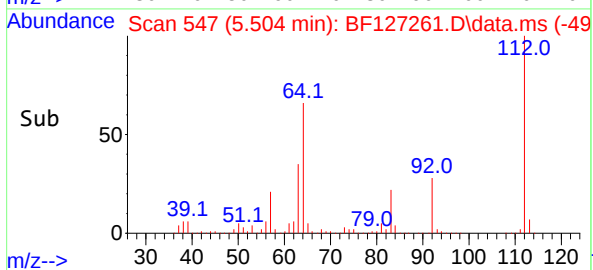
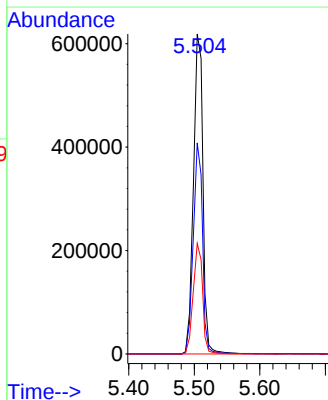
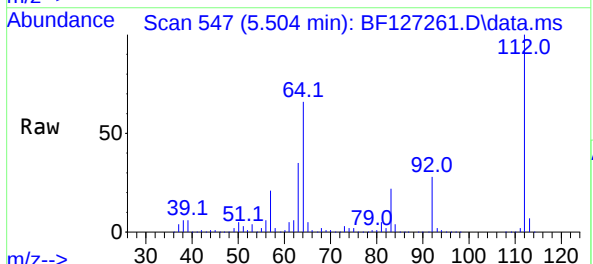
Instrument :  
BNA\_F  
ClientSampleId :  
1-2-SAMPLE-LOCATION-1

Tgt Ion:152 Resp: 77654  
Ion Ratio Lower Upper  
152 100  
150 154.2 128.1 192.1  
115 68.9 56.7 85.1



#5  
2-Fluorophenol  
Concen: 124.346 ng  
RT: 5.504 min Scan# 547  
Delta R.T. 0.006 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

Tgt Ion:112 Resp: 624748  
Ion Ratio Lower Upper  
112 100  
64 66.0 49.5 74.3  
63 34.6 23.9 35.9

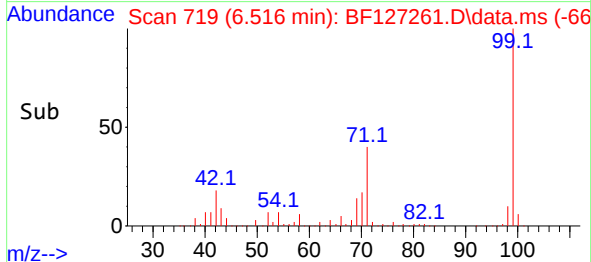
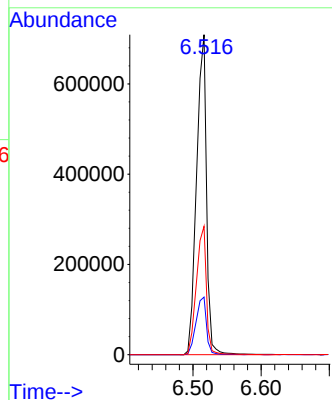
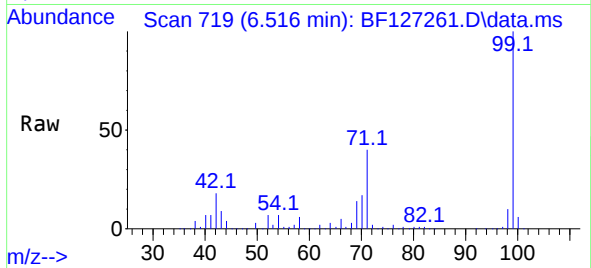




#7  
Phenol-d6  
Concen: 105.379 ng  
RT: 6.516 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

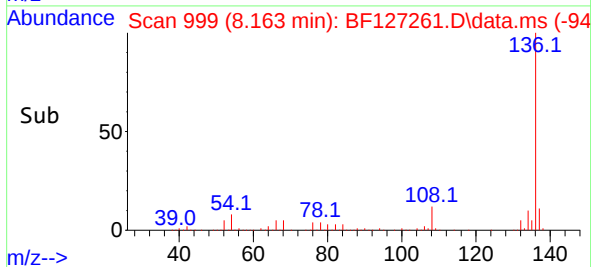
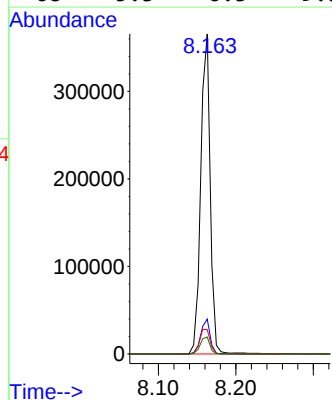
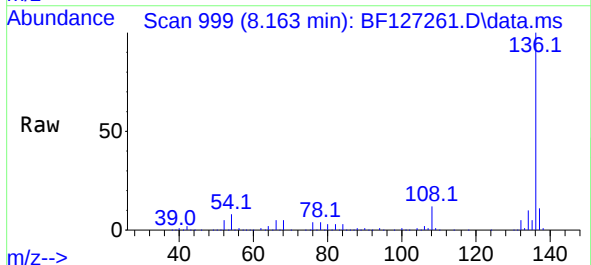
Instrument :  
BNA\_F  
ClientSampleId :  
1-2-SAMPLE-LOCATION-1

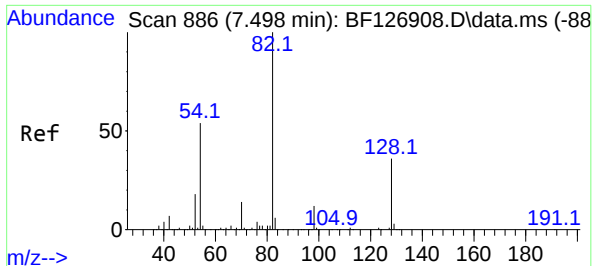
Tgt Ion: 99 Resp: 714423  
Ion Ratio Lower Upper  
99 100  
42 18.0 14.2 21.4  
71 40.1 24.3 36.5#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.163 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

Tgt Ion: 136 Resp: 310713  
Ion Ratio Lower Upper  
136 100  
137 10.9 8.6 13.0  
54 7.6 7.8 11.6#  
68 5.3 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 67.264 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127261.D

Acq: 08 Mar 2022 16:31

Instrument :

BNA\_F

ClientSampleId :

1-2-SAMPLE-LOCATION-1

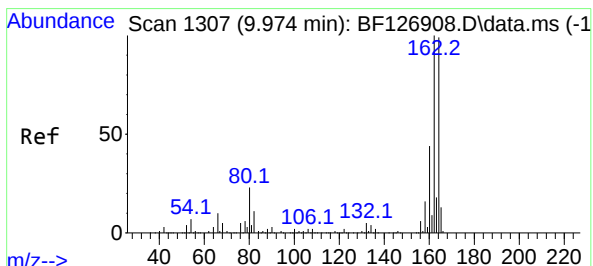
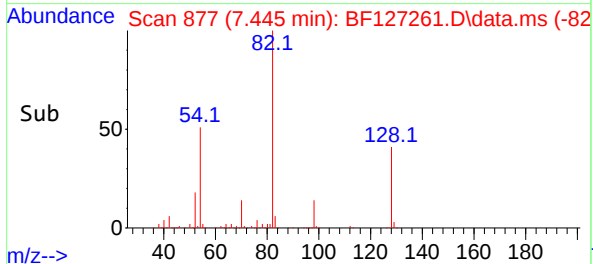
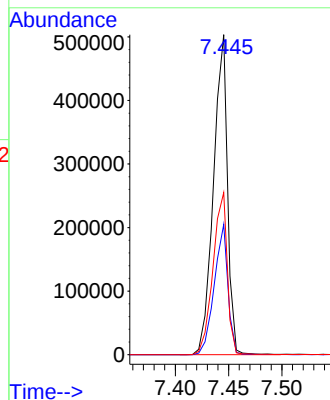
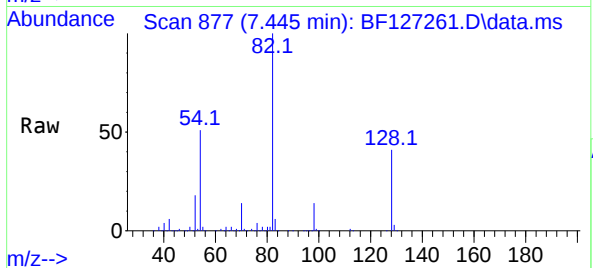
Tgt Ion: 82 Resp: 463030

Ion Ratio Lower Upper

82 100

128 40.7 32.7 49.1

54 50.7 41.7 62.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.000 min

Lab File: BF127261.D

Acq: 08 Mar 2022 16:31

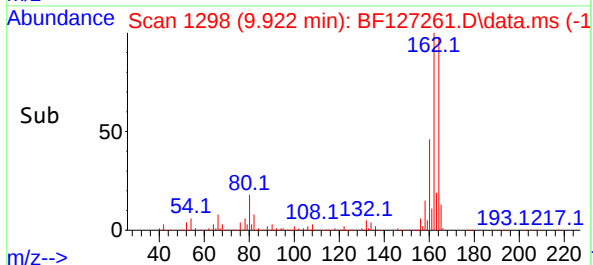
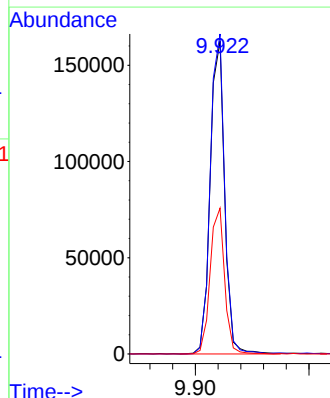
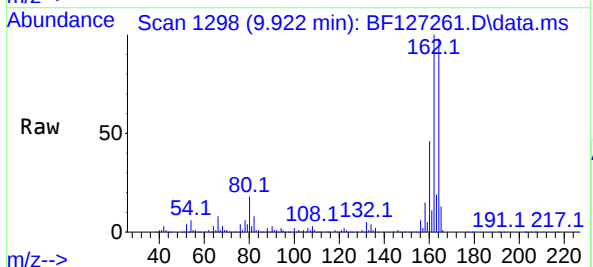
Tgt Ion: 164 Resp: 143280

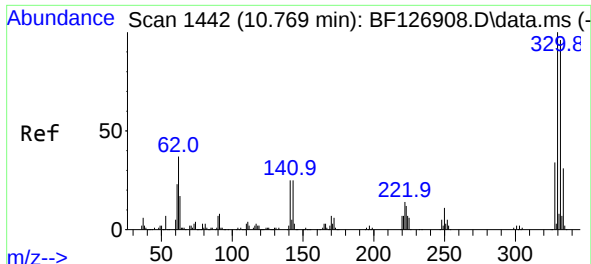
Ion Ratio Lower Upper

164 100

162 102.3 81.4 122.0

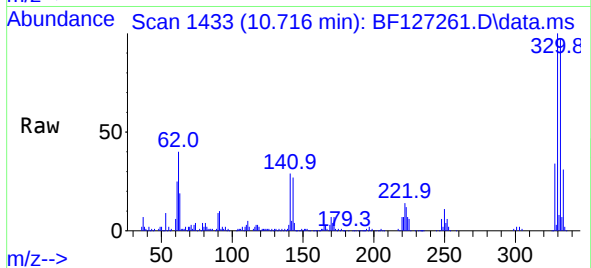
160 46.6 36.6 54.8



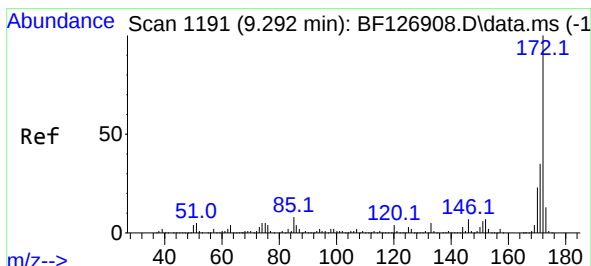
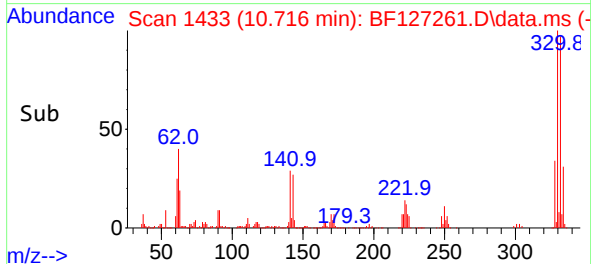
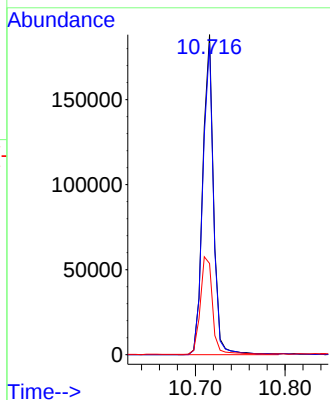


#42  
2,4,6-Tribromophenol  
Concen: 94.901 ng  
RT: 10.716 min Scan# 1442  
Delta R.T. 0.000 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

Instrument :  
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ClientSampleId :  
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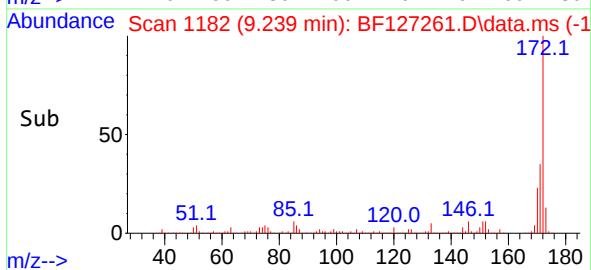
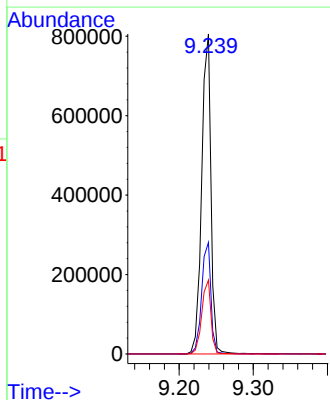
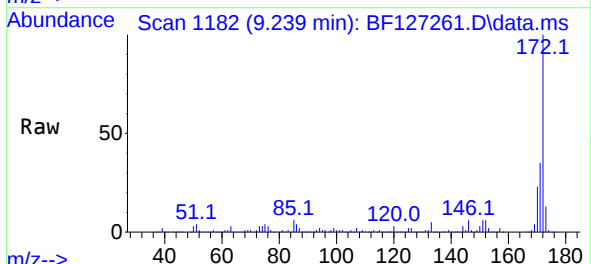


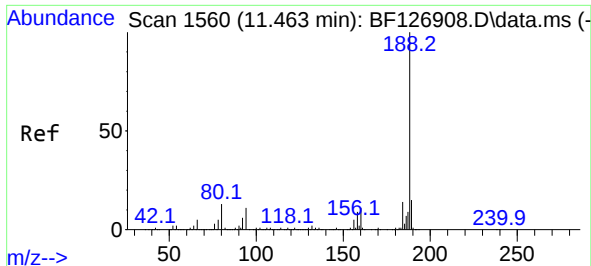
Tgt Ion:330 Resp: 156556  
Ion Ratio Lower Upper  
330 100  
332 96.8 76.0 114.0  
141 34.7 30.1 45.1



#45  
2-Fluorobiphenyl  
Concen: 72.011 ng  
RT: 9.239 min Scan# 1182  
Delta R.T. 0.000 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

Tgt Ion:172 Resp: 700856  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.3 42.5  
170 23.1 19.0 28.6

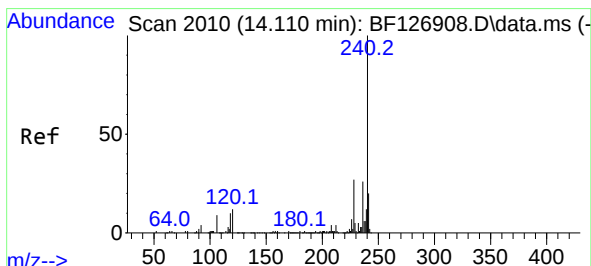
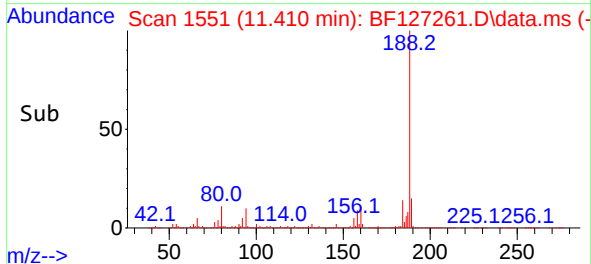
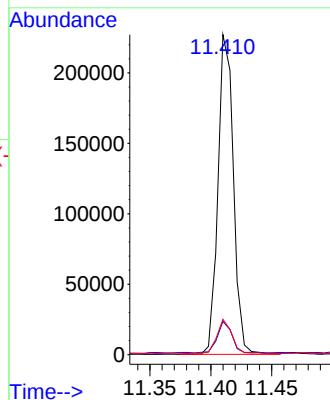
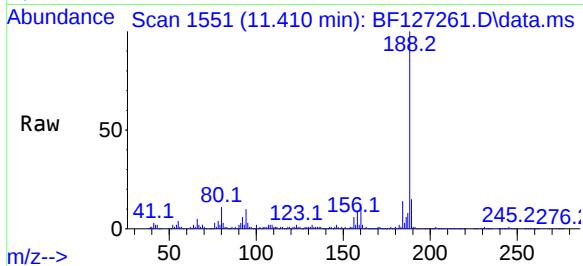




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

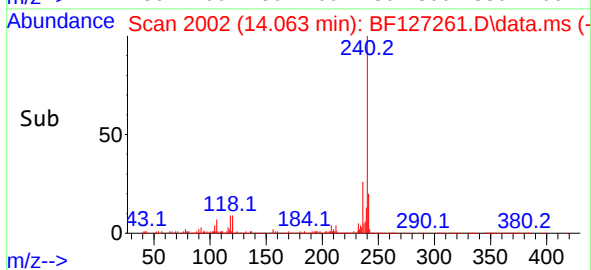
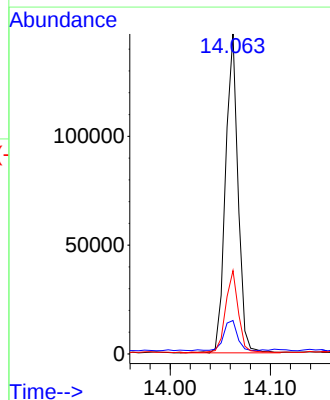
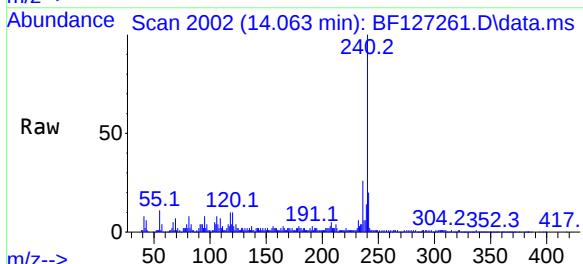
Instrument :  
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ClientSampleId :  
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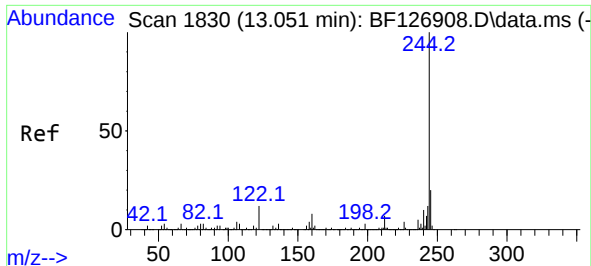
Tgt Ion:188 Resp: 201268  
Ion Ratio Lower Upper  
188 100  
94 10.4 10.1 15.1  
80 11.1 11.8 17.6#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.063 min Scan# 2002  
Delta R.T. 0.000 min  
Lab File: BF127261.D  
Acq: 08 Mar 2022 16:31

Tgt Ion:240 Resp: 126754  
Ion Ratio Lower Upper  
240 100  
120 10.5 14.4 21.6#  
236 26.1 20.5 30.7

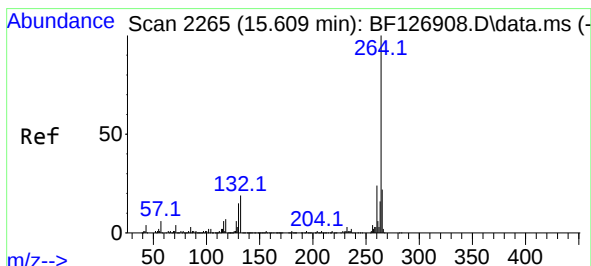
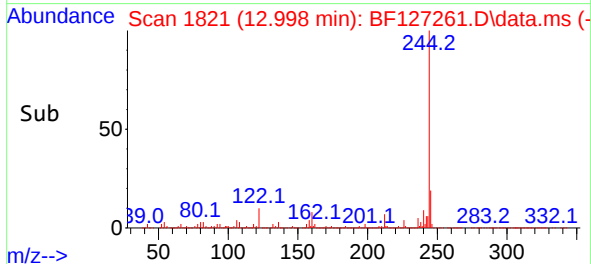
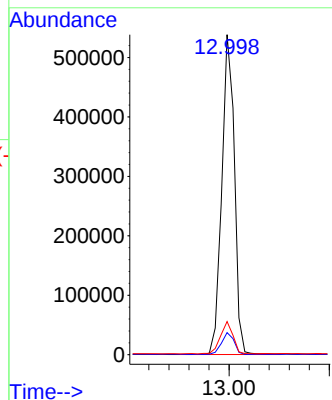
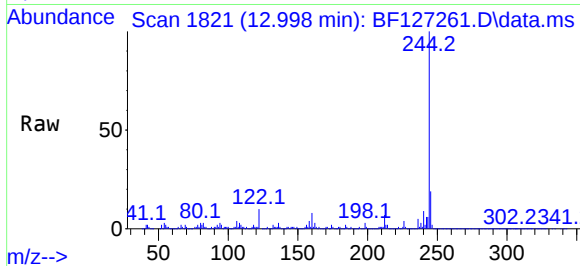




#79  
 Terphenyl-d14  
 Concen: 54.229 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BF127261.D  
 Acq: 08 Mar 2022 16:31

Instrument :  
 BNA\_F  
 ClientSampleId :  
 1-2-SAMPLE-LOCATION-1

Tgt Ion:244 Resp: 467593  
 Ion Ratio Lower Upper  
 244 100  
 212 6.9 5.0 7.4  
 122 10.3 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.563 min Scan# 2257  
 Delta R.T. 0.018 min  
 Lab File: BF127261.D  
 Acq: 08 Mar 2022 16:31

Tgt Ion:264 Resp: 102599  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 19.2 28.8  
 265 20.7 17.4 26.2

