

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF042622\  
 Data File : BF127905.D  
 Acq On : 26 Apr 2022 10:21  
 Operator : CG\JU  
 Sample : PB144215BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144215BL

Quant Time: Apr 27 01:46:08 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF042222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Apr 24 00:43:03 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.939  | 152  | 178425   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.228  | 136  | 734719   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.986  | 164  | 430840   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.480 | 188  | 784032   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.127 | 240  | 543355   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.645 | 264  | 426608   | 20.000 | ng    | 0.01     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.581  | 112  | 878608   | 78.433 | ng    | 0.02     |
| 7) Phenol-d6                | 6.569  | 99   | 1143222  | 78.651 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.510  | 82   | 1192344  | 76.313 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.780 | 330  | 325329   | 75.010 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.304  | 172  | 1950596  | 76.592 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.074 | 244  | 2090853  | 70.364 | ng    | 0.01     |

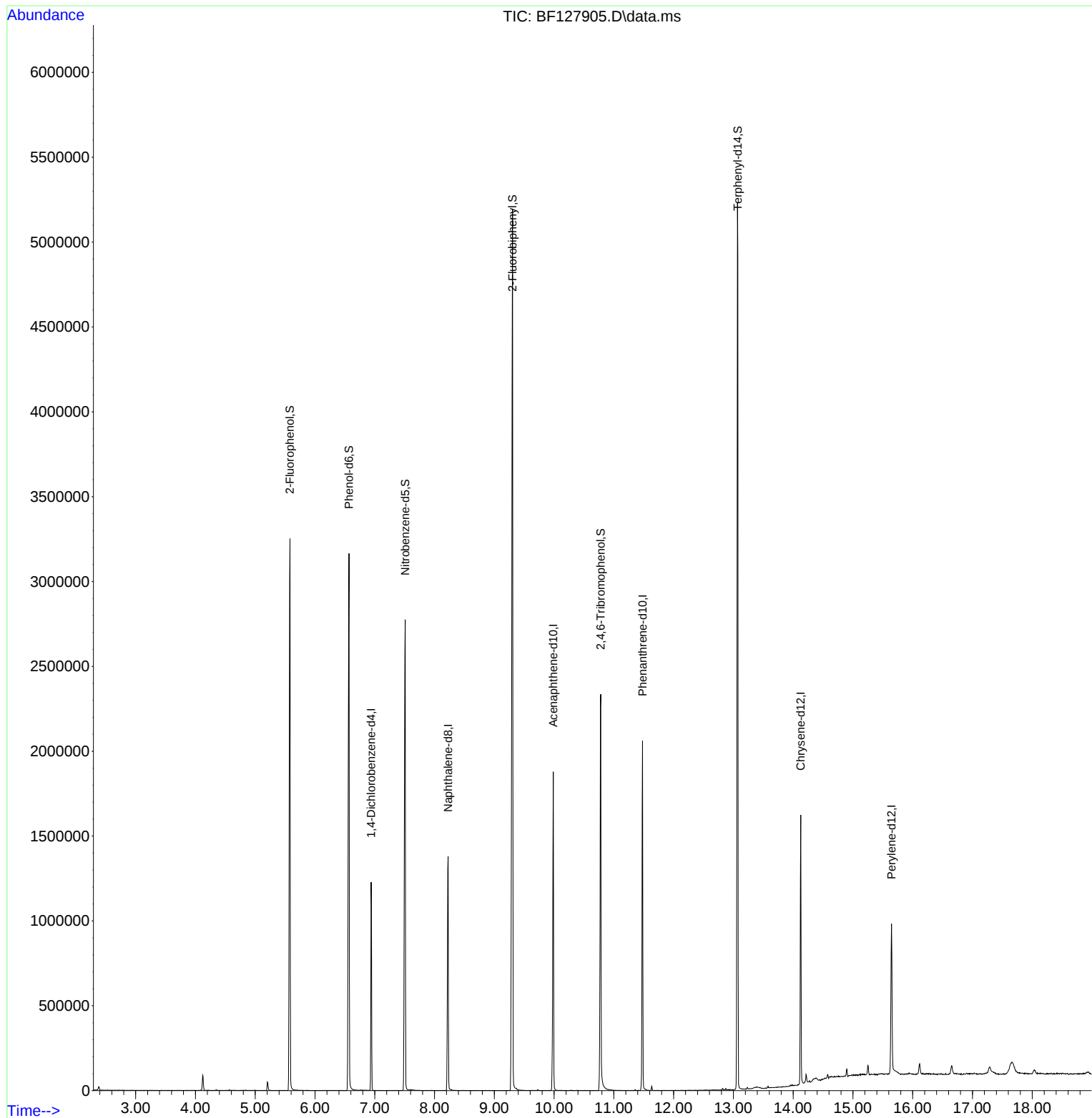
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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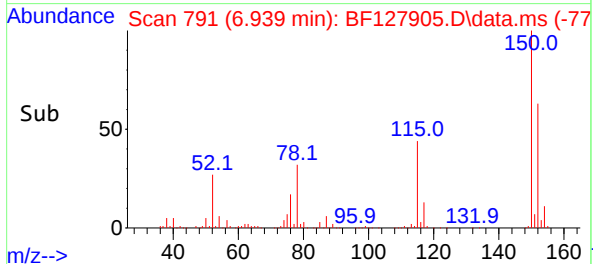
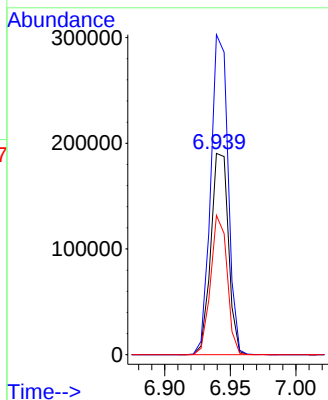
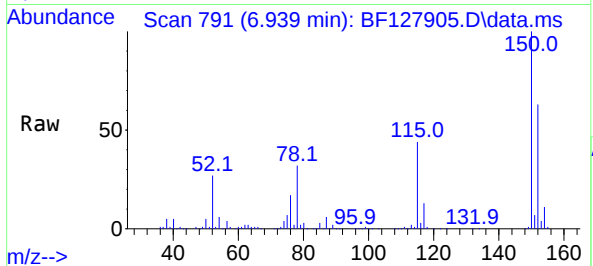




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.939 min Scan# 792  
Delta R.T. -0.006 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

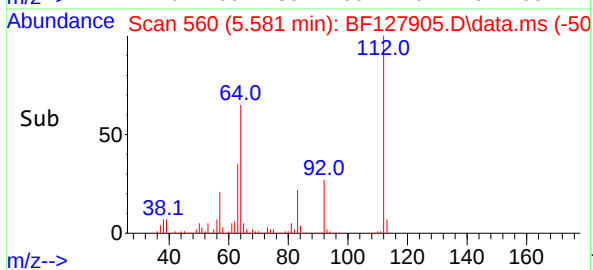
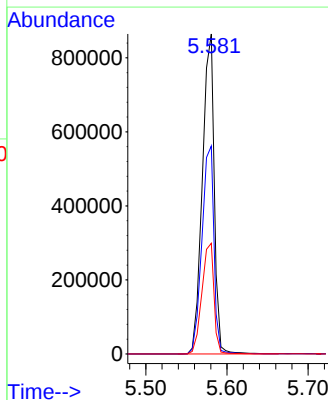
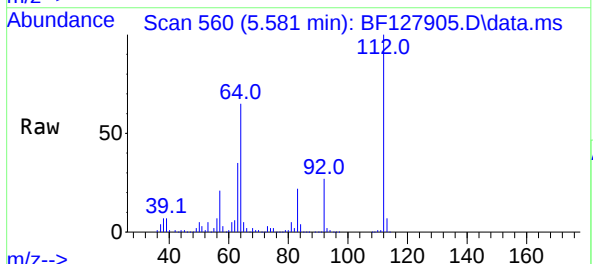
Instrument :  
BNA\_F  
ClientSampleId :  
PB144215BL

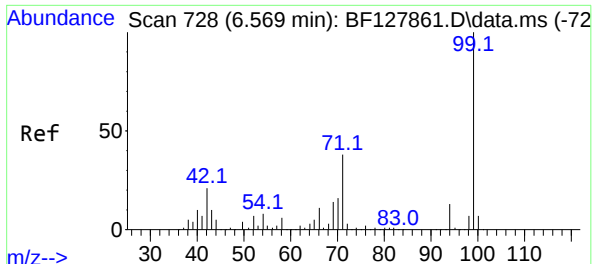
Tgt Ion:152 Resp: 178425  
Ion Ratio Lower Upper  
152 100  
150 159.0 125.3 187.9  
115 69.3 48.8 73.2



#5  
2-Fluorophenol  
Concen: 78.433 ng  
RT: 5.581 min Scan# 560  
Delta R.T. 0.017 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

Tgt Ion:112 Resp: 878608  
Ion Ratio Lower Upper  
112 100  
64 65.0 49.5 74.3  
63 34.6 26.3 39.5

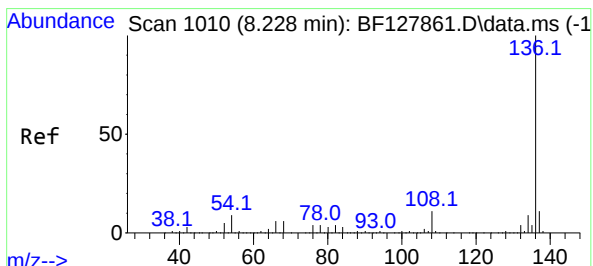
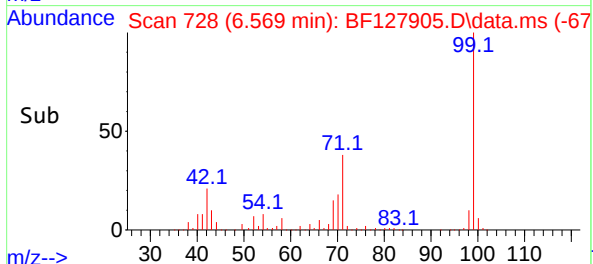
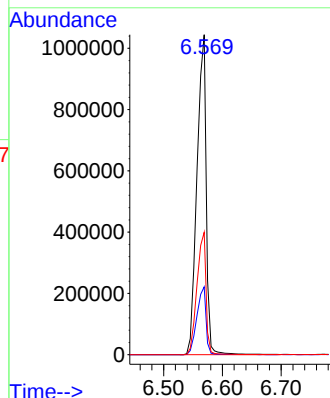
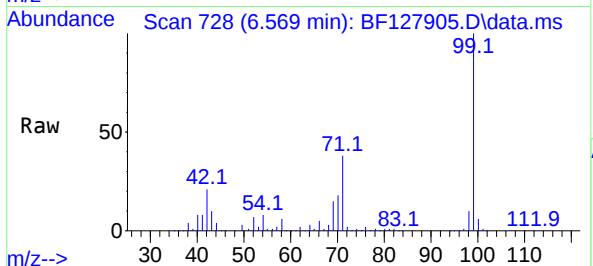




#7  
Phenol-d6  
Concen: 78.651 ng  
RT: 6.569 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

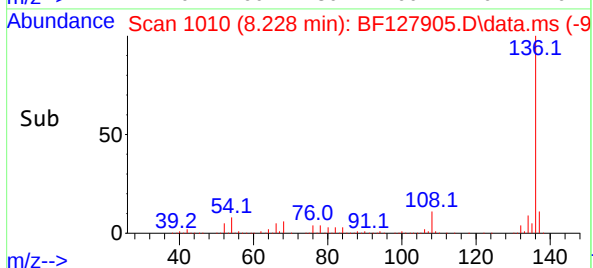
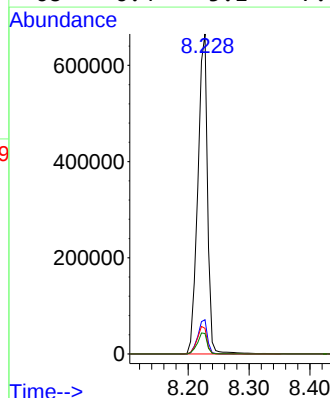
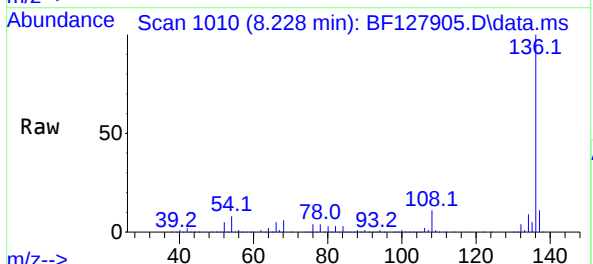
Instrument :  
BNA\_F  
ClientSampleId :  
PB144215BL

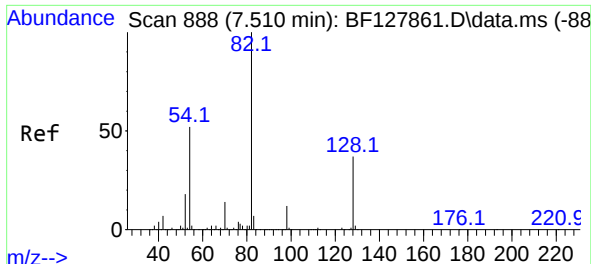
Tgt Ion: 99 Resp: 1143222  
Ion Ratio Lower Upper  
99 100  
42 21.2 16.6 24.8  
71 38.3 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.228 min Scan# 1010  
Delta R.T. -0.000 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

Tgt Ion: 136 Resp: 734719  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.0 6.8 10.2  
68 6.4 5.1 7.7



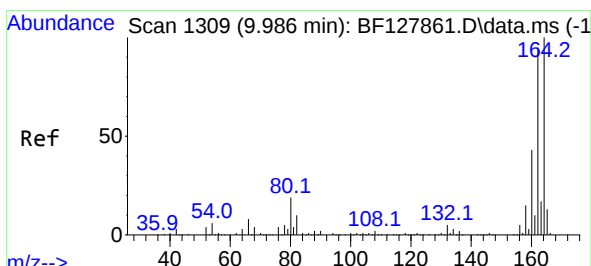
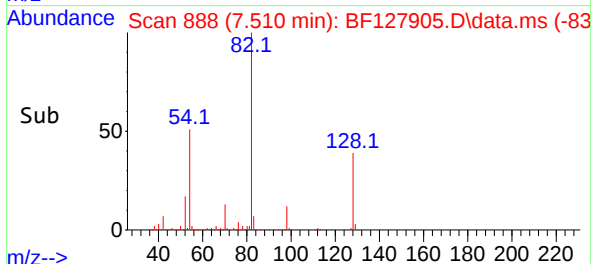
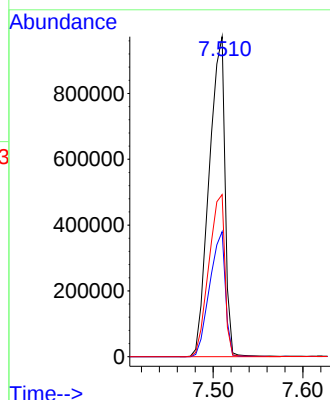
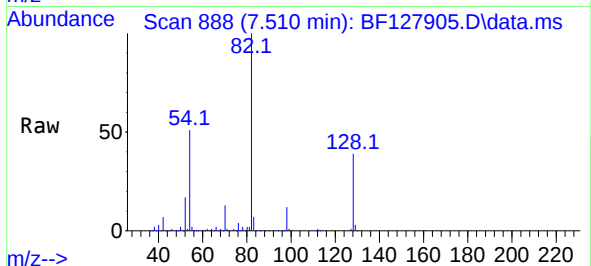


#23  
Nitrobenzene-d5  
Concen: 76.313 ng  
RT: 7.510 min Scan# 888  
Delta R.T. -0.000 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

Instrument :  
BNA\_F  
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PB144215BL

Tgt Ion: 82 Resp: 1192344

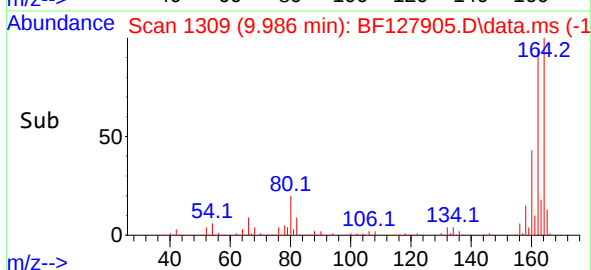
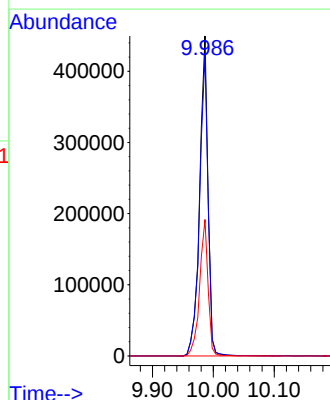
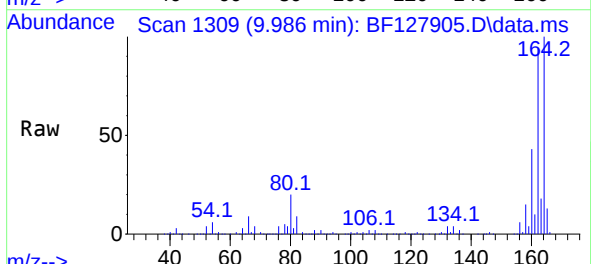
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 39.1  | 30.0  | 45.0  |
| 54  | 50.7  | 41.3  | 61.9  |

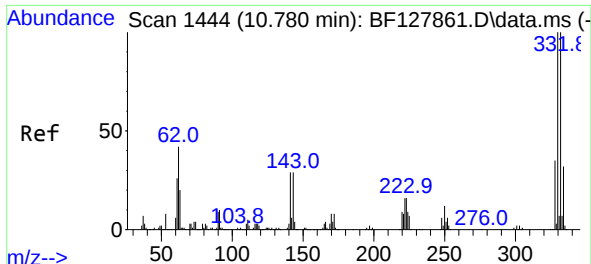


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.986 min Scan# 1309  
Delta R.T. -0.000 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

Tgt Ion:164 Resp: 430840

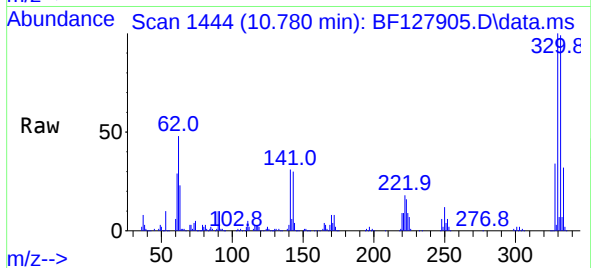
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 94.0  | 76.0  | 114.0 |
| 160 | 42.7  | 34.8  | 52.2  |



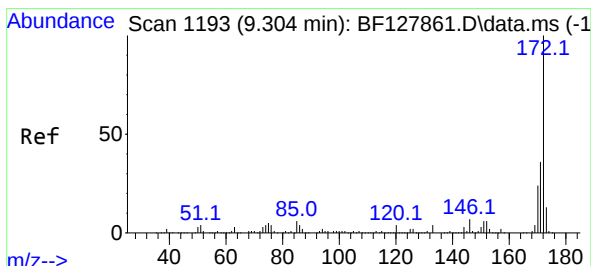
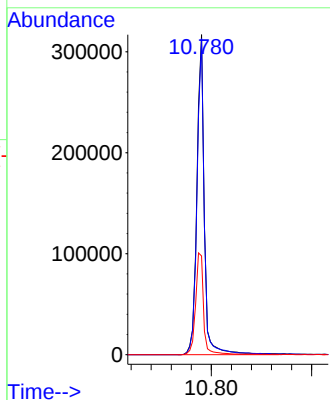
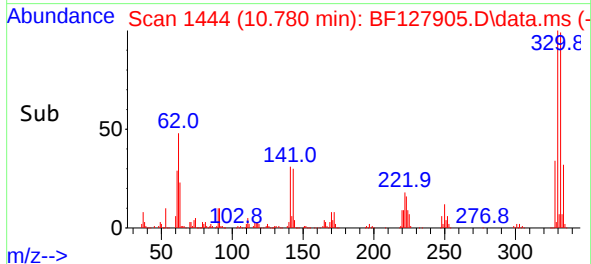


#42  
2,4,6-Tribromophenol  
Concen: 75.010 ng  
RT: 10.780 min Scan# 1444  
Delta R.T. -0.000 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

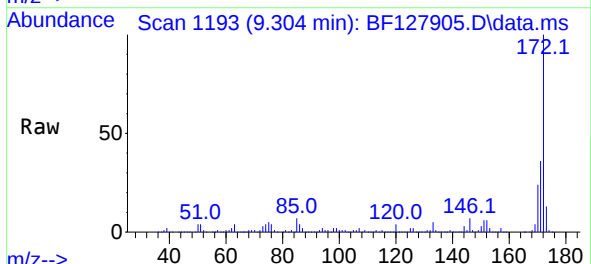
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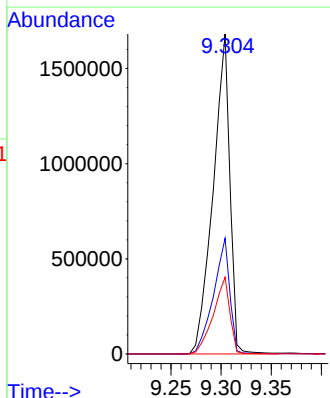
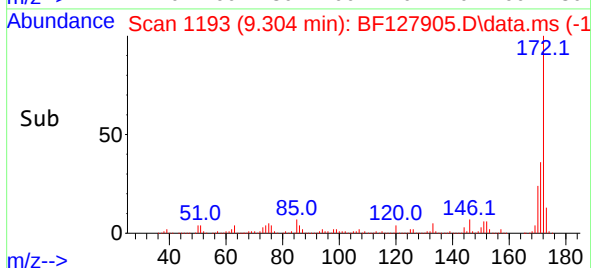
Tgt Ion:330 Resp: 325329  
Ion Ratio Lower Upper  
330 100  
332 97.4 79.0 118.4  
141 34.5 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 76.592 ng  
RT: 9.304 min Scan# 1193  
Delta R.T. -0.000 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21



Tgt Ion:172 Resp: 1950596  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.6 42.8  
170 24.0 19.1 28.7

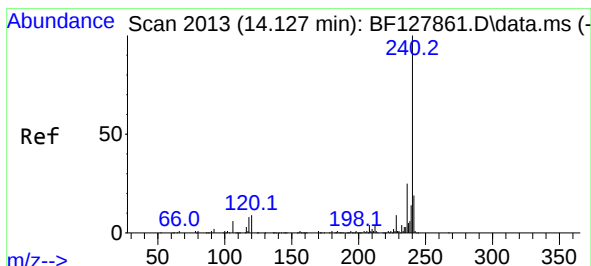
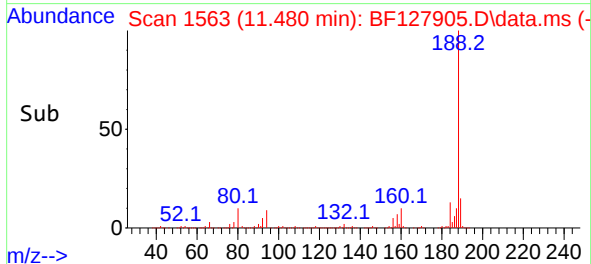
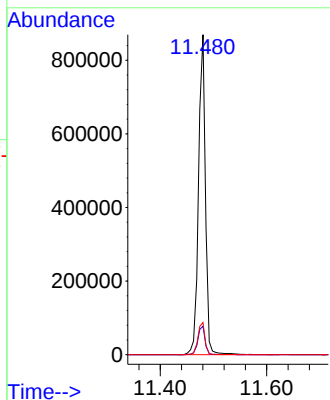
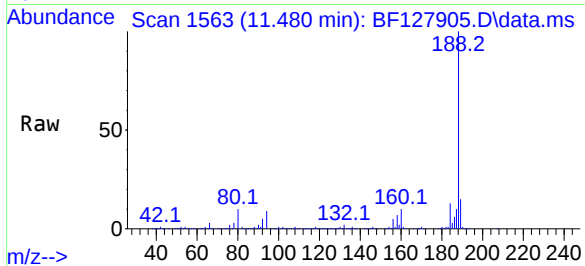




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.480 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

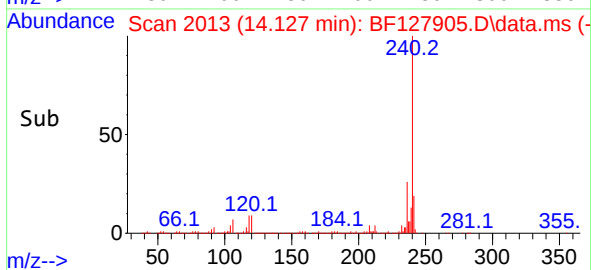
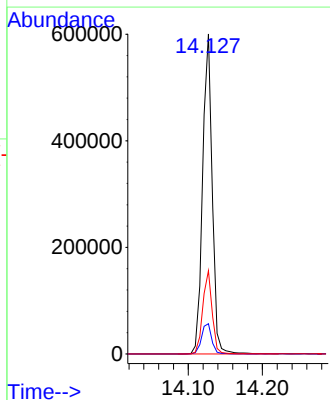
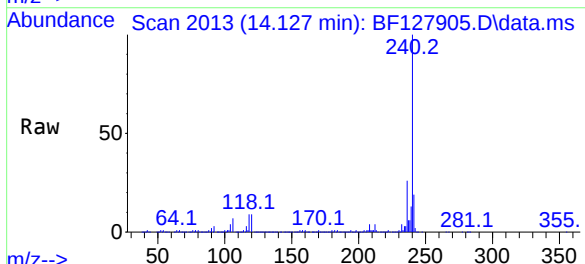
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Tgt Ion:188 Resp: 784032  
Ion Ratio Lower Upper  
188 100  
94 8.9 8.0 12.0  
80 10.1 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2013  
Delta R.T. -0.000 min  
Lab File: BF127905.D  
Acq: 26 Apr 2022 10:21

Tgt Ion:240 Resp: 543355  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.0 10.6  
236 26.0 20.3 30.5

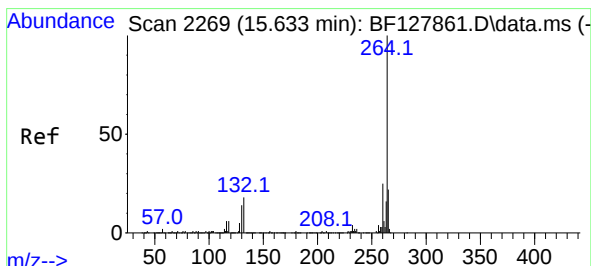
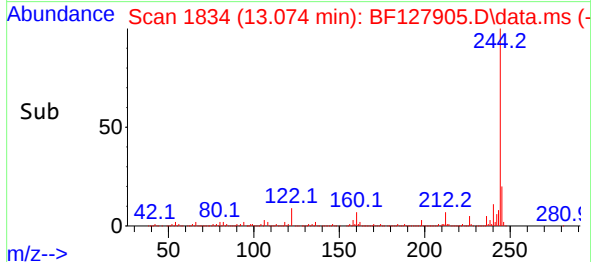
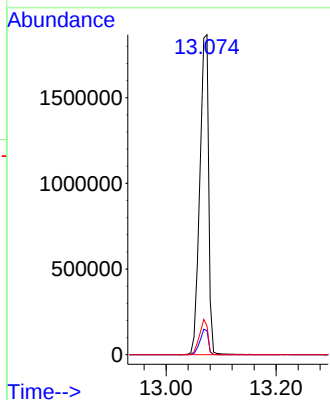
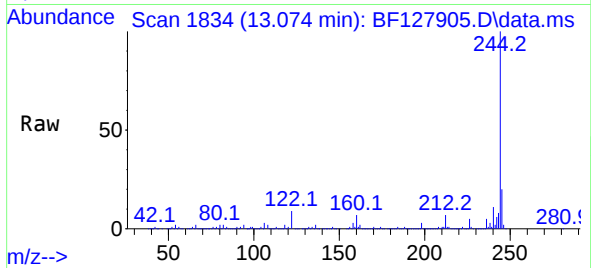




#79  
 Terphenyl-d14  
 Concen: 70.364 ng  
 RT: 13.074 min Scan# 11  
 Delta R.T. 0.012 min  
 Lab File: BF127905.D  
 Acq: 26 Apr 2022 10:21

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144215BL

Tgt Ion:244 Resp: 2090853  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.2 9.4  
 122 9.0 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.645 min Scan# 2271  
 Delta R.T. 0.012 min  
 Lab File: BF127905.D  
 Acq: 26 Apr 2022 10:21

Tgt Ion:264 Resp: 426608  
 Ion Ratio Lower Upper  
 264 100  
 260 23.1 20.1 30.1  
 265 21.1 17.5 26.3

