

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
 Data File : BF128284.D  
 Acq On : 17 May 2022 11:35  
 Operator : CG\JU  
 Sample : PB144826BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB144826BL

Quant Time: May 18 01:32:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 01:31:11 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.875  | 152  | 98674    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.157  | 136  | 408655   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.916  | 164  | 234442   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.410 | 188  | 421761   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 14.057 | 240  | 320900   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 15.551 | 264  | 256767   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 583957   | 94.342 | ng    | 0.01     |
| 7) Phenol-d6                | 6.510  | 99   | 744195   | 90.900 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.445  | 82   | 794558   | 87.488 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.710 | 330  | 218323   | 81.198 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.234  | 172  | 1280811  | 85.483 | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 1503390  | 87.909 | ng    | 0.00     |

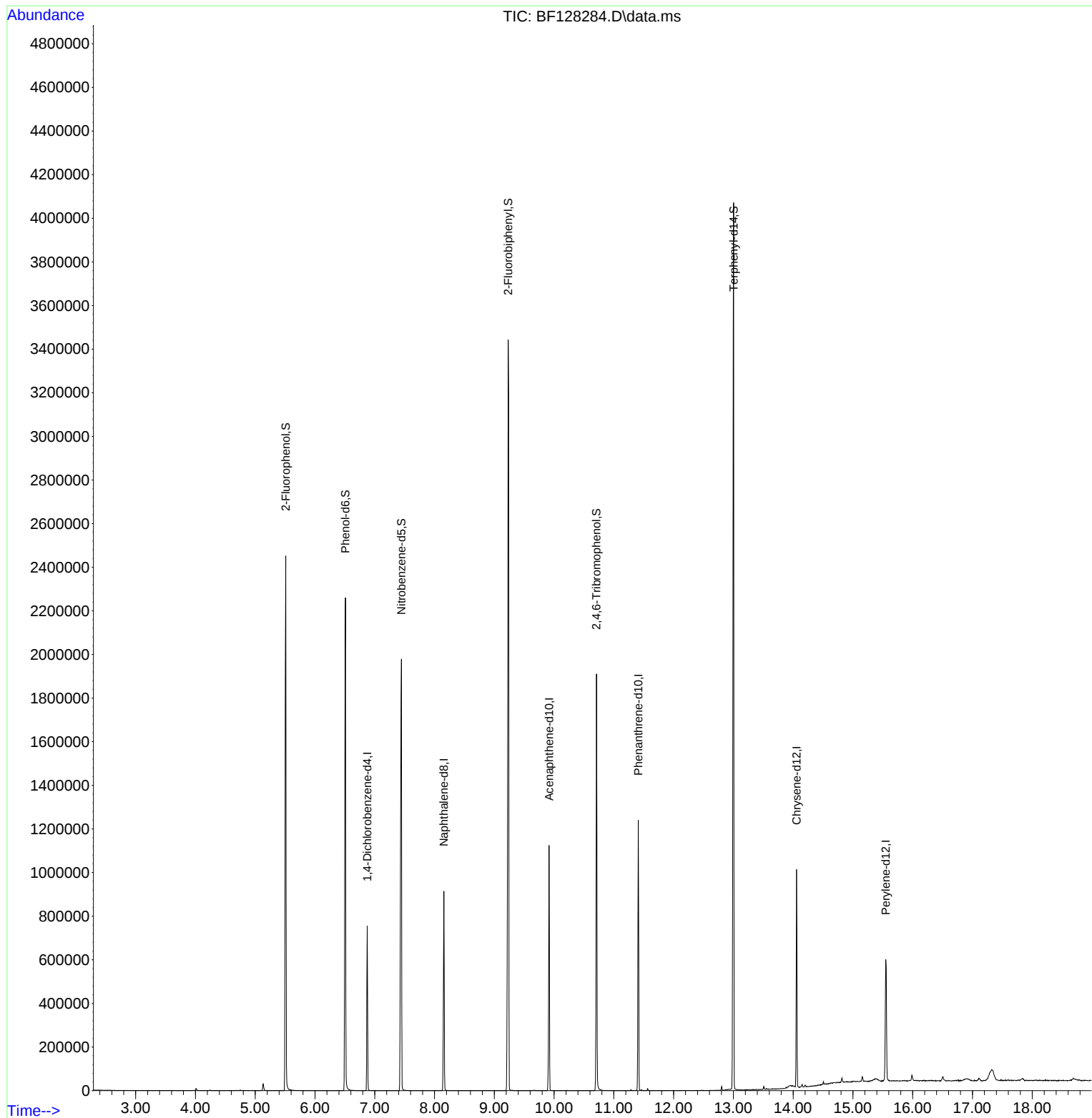
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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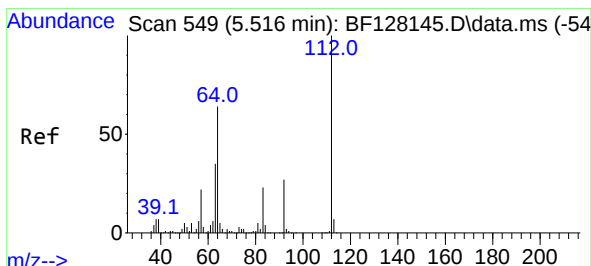
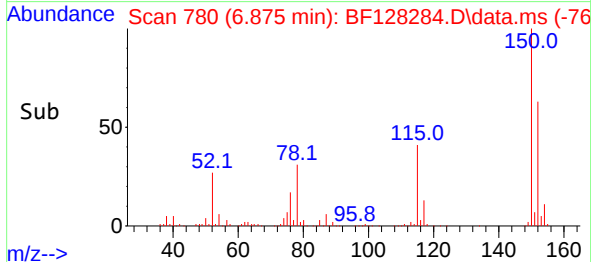
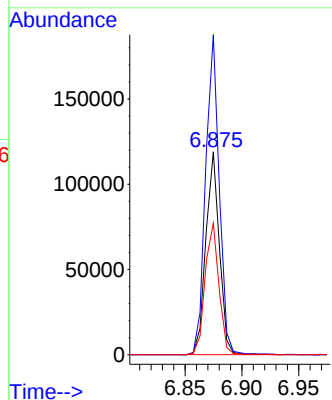
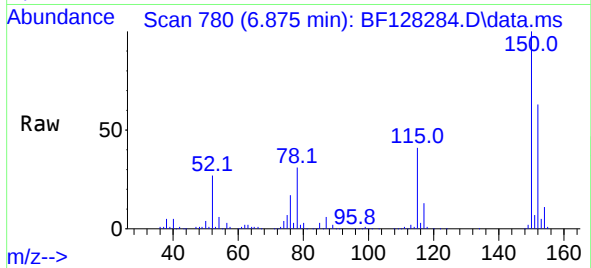




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.875 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

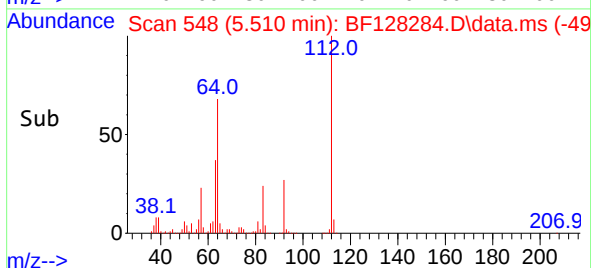
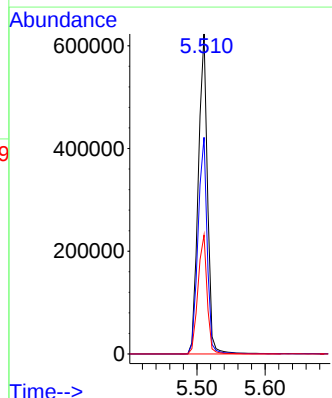
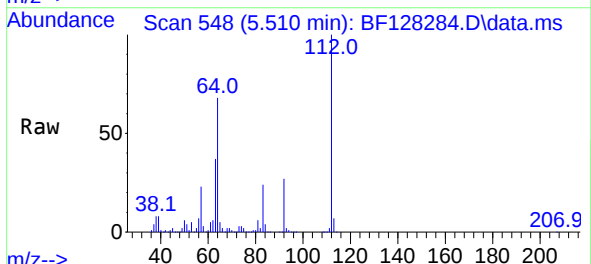
Instrument :  
BNA\_F  
ClientSampleId :  
PB144826BL

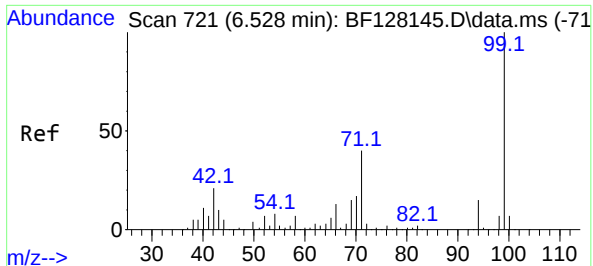
Tgt Ion:152 Resp: 98674  
Ion Ratio Lower Upper  
152 100  
150 157.8 125.3 187.9  
115 64.8 48.8 73.2



#5  
2-Fluorophenol  
Concen: 94.342 ng  
RT: 5.510 min Scan# 548  
Delta R.T. 0.012 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

Tgt Ion:112 Resp: 583957  
Ion Ratio Lower Upper  
112 100  
64 67.7 49.5 74.3  
63 37.2 26.3 39.5

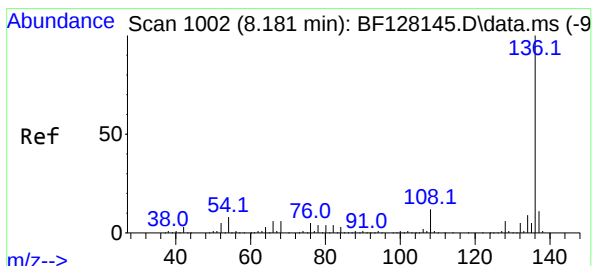
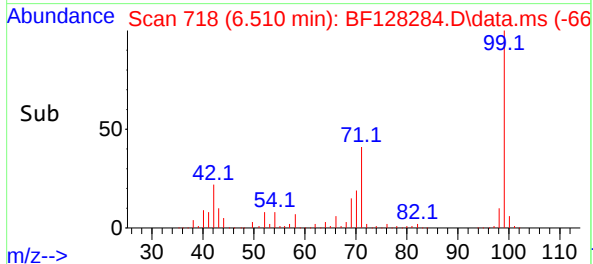
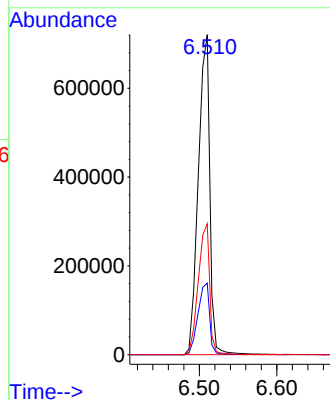
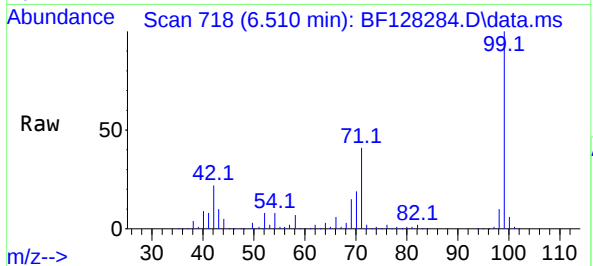




#7  
Phenol-d6  
Concen: 90.900 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

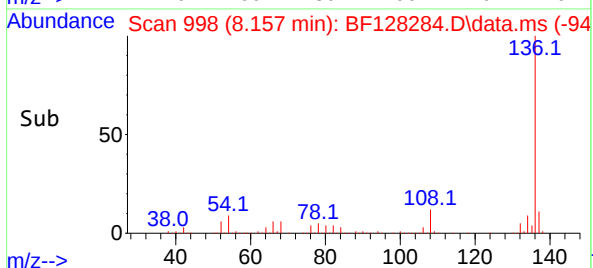
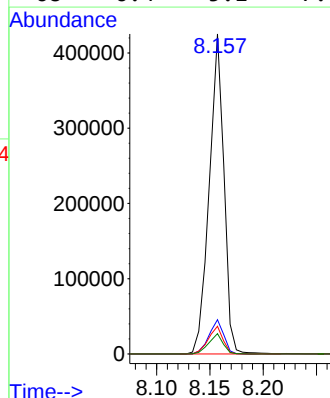
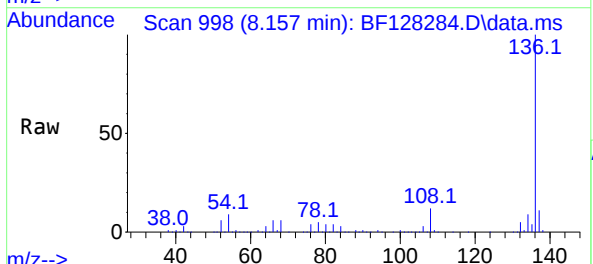
Instrument :  
BNA\_F  
ClientSampleId :  
PB144826BL

Tgt Ion: 99 Resp: 744195  
Ion Ratio Lower Upper  
99 100  
42 22.4 16.6 24.8  
71 40.9 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 998  
Delta R.T. -0.006 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

Tgt Ion: 136 Resp: 408655  
Ion Ratio Lower Upper  
136 100  
137 10.7 8.6 13.0  
54 8.7 6.8 10.2  
68 6.4 5.1 7.7





#23

Nitrobenzene-d5

Concen: 87.488 ng

RT: 7.445 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128284.D

Acq: 17 May 2022 11:35

Instrument :

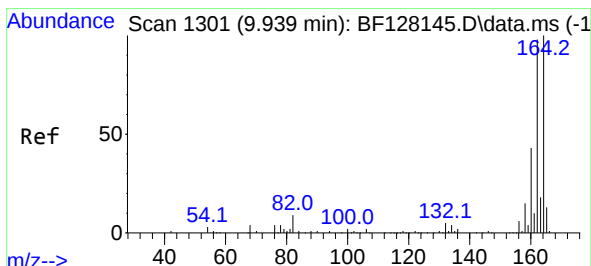
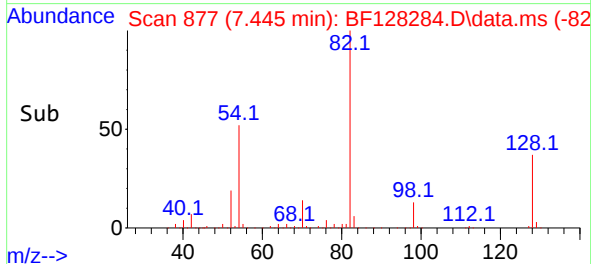
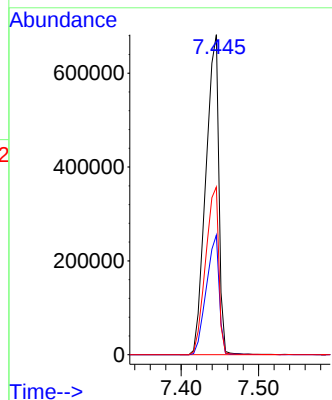
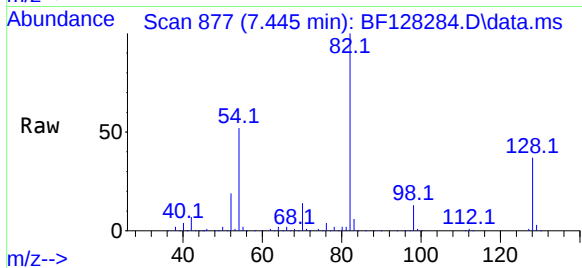
BNA\_F

ClientSampleId :

PB144826BL

Tgt Ion: 82 Resp: 794558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.4  | 30.0  | 45.0  |
| 54  | 52.4  | 41.3  | 61.9  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1297

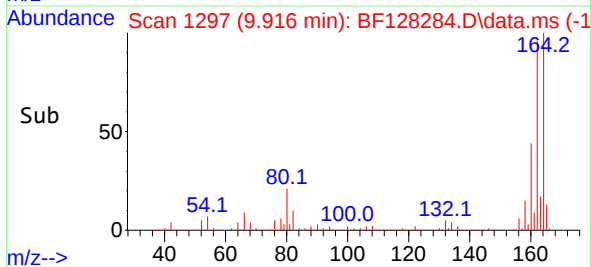
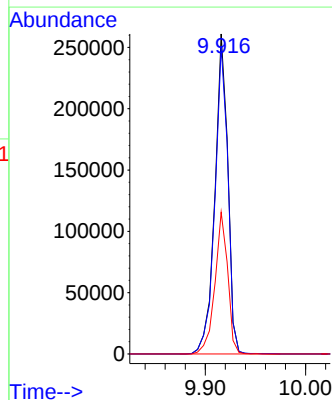
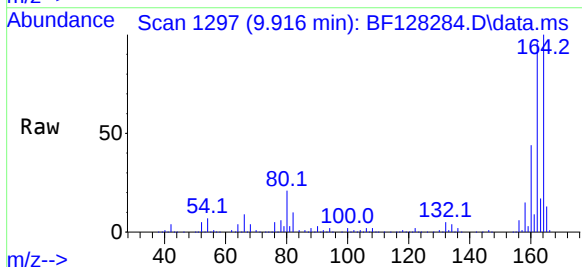
Delta R.T. -0.006 min

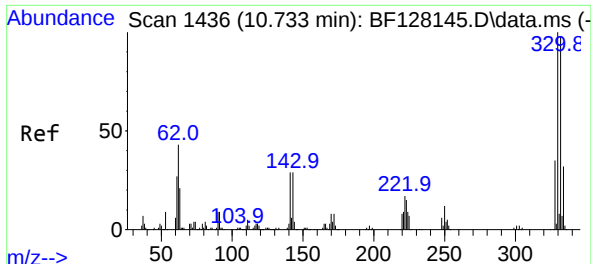
Lab File: BF128284.D

Acq: 17 May 2022 11:35

Tgt Ion:164 Resp: 234442

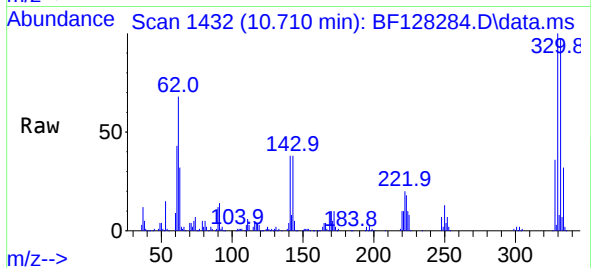
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 96.0  | 76.0  | 114.0 |
| 160 | 44.3  | 34.8  | 52.2  |



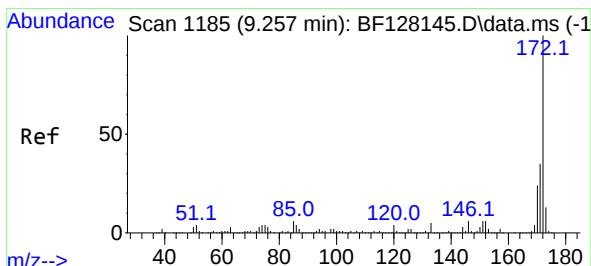
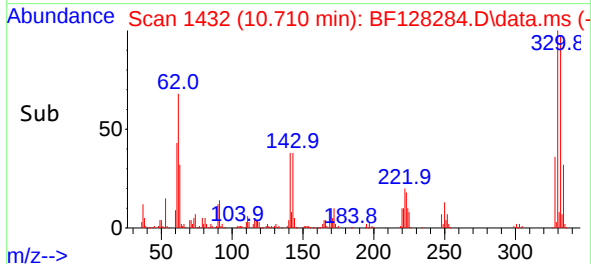
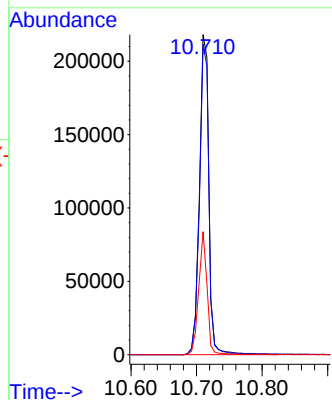


#42  
2,4,6-Tribromophenol  
Concen: 81.198 ng  
RT: 10.710 min Scan# 1436  
Delta R.T. -0.006 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

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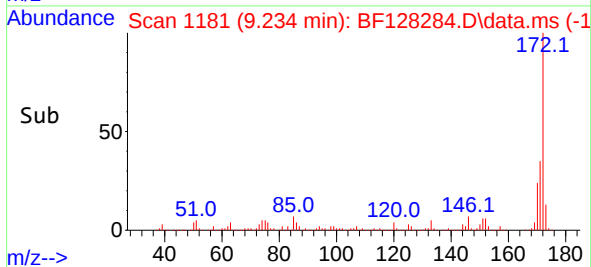
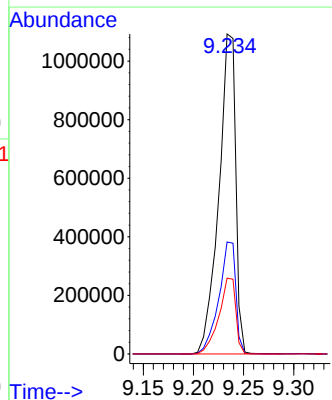
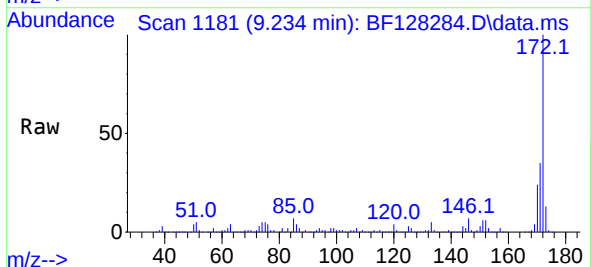


Tgt Ion:330 Resp: 218323  
Ion Ratio Lower Upper  
330 100  
332 96.8 79.0 118.4  
141 34.5 28.9 43.3



#45  
2-Fluorobiphenyl  
Concen: 85.483 ng  
RT: 9.234 min Scan# 1181  
Delta R.T. -0.006 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

Tgt Ion:172 Resp: 1280811  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 42.8  
170 23.7 19.1 28.7

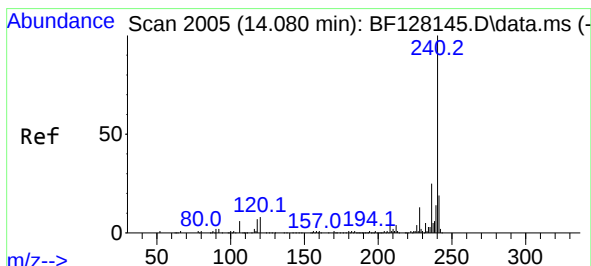
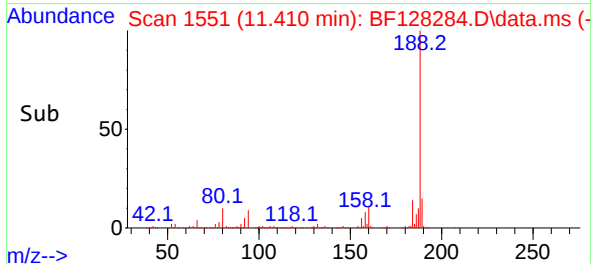
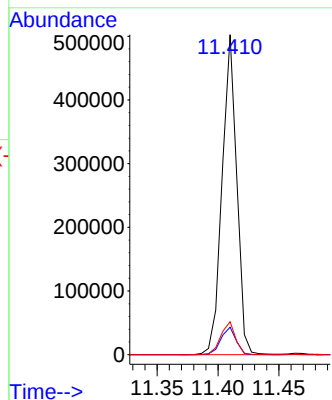
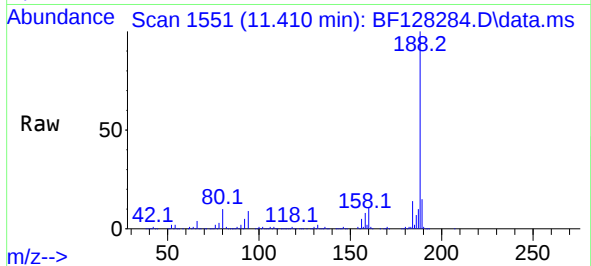




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

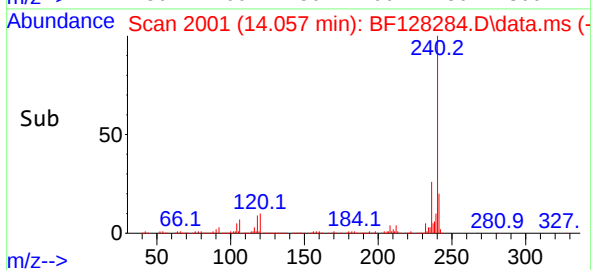
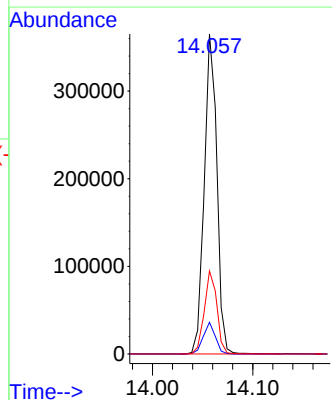
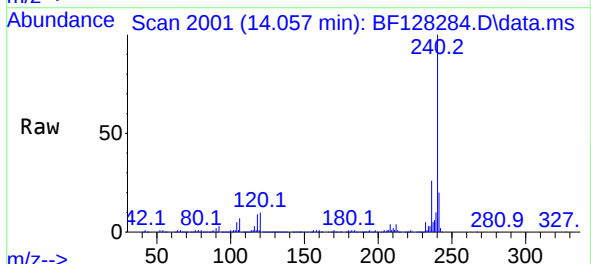
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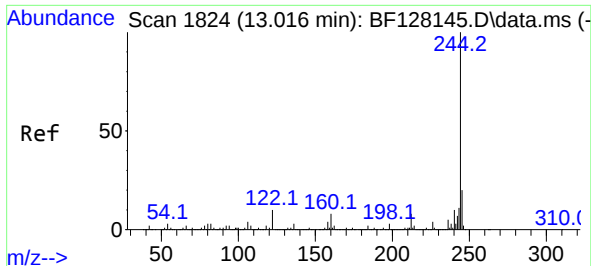
Tgt Ion:188 Resp: 421761  
Ion Ratio Lower Upper  
188 100  
94 8.6 8.0 12.0  
80 10.3 8.9 13.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 2001  
Delta R.T. -0.006 min  
Lab File: BF128284.D  
Acq: 17 May 2022 11:35

Tgt Ion:240 Resp: 320900  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.0 10.6  
236 26.0 20.3 30.5

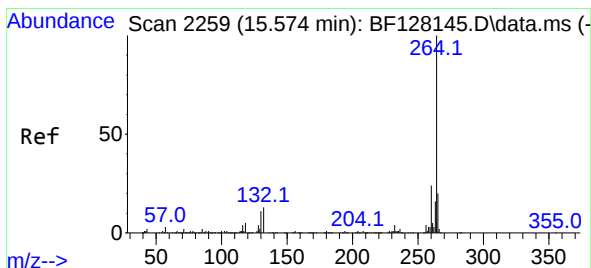
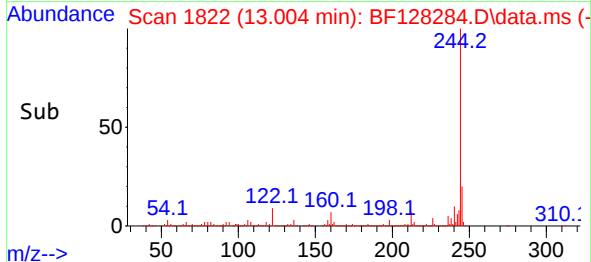
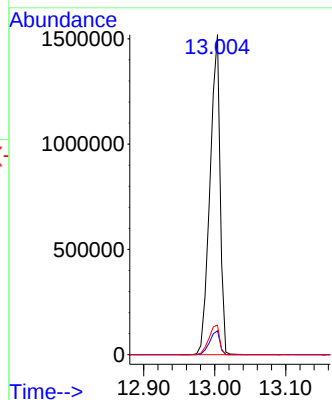
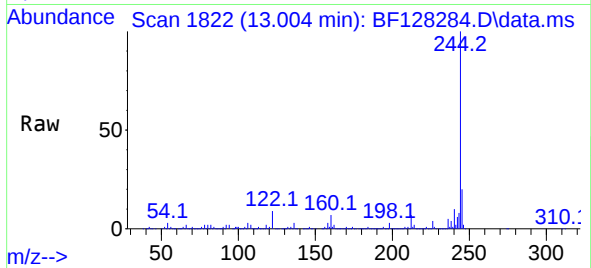




#79  
 Terphenyl-d14  
 Concen: 87.909 ng  
 RT: 13.004 min Scan# 1824  
 Delta R.T. 0.000 min  
 Lab File: BF128284.D  
 Acq: 17 May 2022 11:35

Instrument :  
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 PB144826BL

Tgt Ion:244 Resp: 1503390  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.4  
 122 9.3 8.6 12.8



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.551 min Scan# 2255  
 Delta R.T. -0.006 min  
 Lab File: BF128284.D  
 Acq: 17 May 2022 11:35

Tgt Ion:264 Resp: 256767  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 20.1 30.1  
 265 21.2 17.5 26.3

