

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF050421\  
 Data File : BF123808.D  
 Acq On : 4 May 2021 14:55  
 Operator : JU/CG  
 Sample : PB136158TB  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB136158TB

Quant Time: May 04 15:31:28 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF042721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 04 12:58:27 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.798  | 152  | 273201   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.081  | 136  | 1038576  | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.839  | 164  | 514628   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.327 | 188  | 1016865  | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 13.968 | 240  | 883507   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.421 | 264  | 715978   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.434  | 112  | 2105304  | 122.08 | ng    | 0.01     |
| 7) Phenol-d6                | 6.445  | 99   | 2740600  | 115.37 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.363  | 82   | 1952669  | 84.87  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.633 | 330  | 820007   | 128.00 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.163  | 172  | 2998179  | 84.84  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.921 | 244  | 3588555  | 78.21  | ng    | 0.00     |

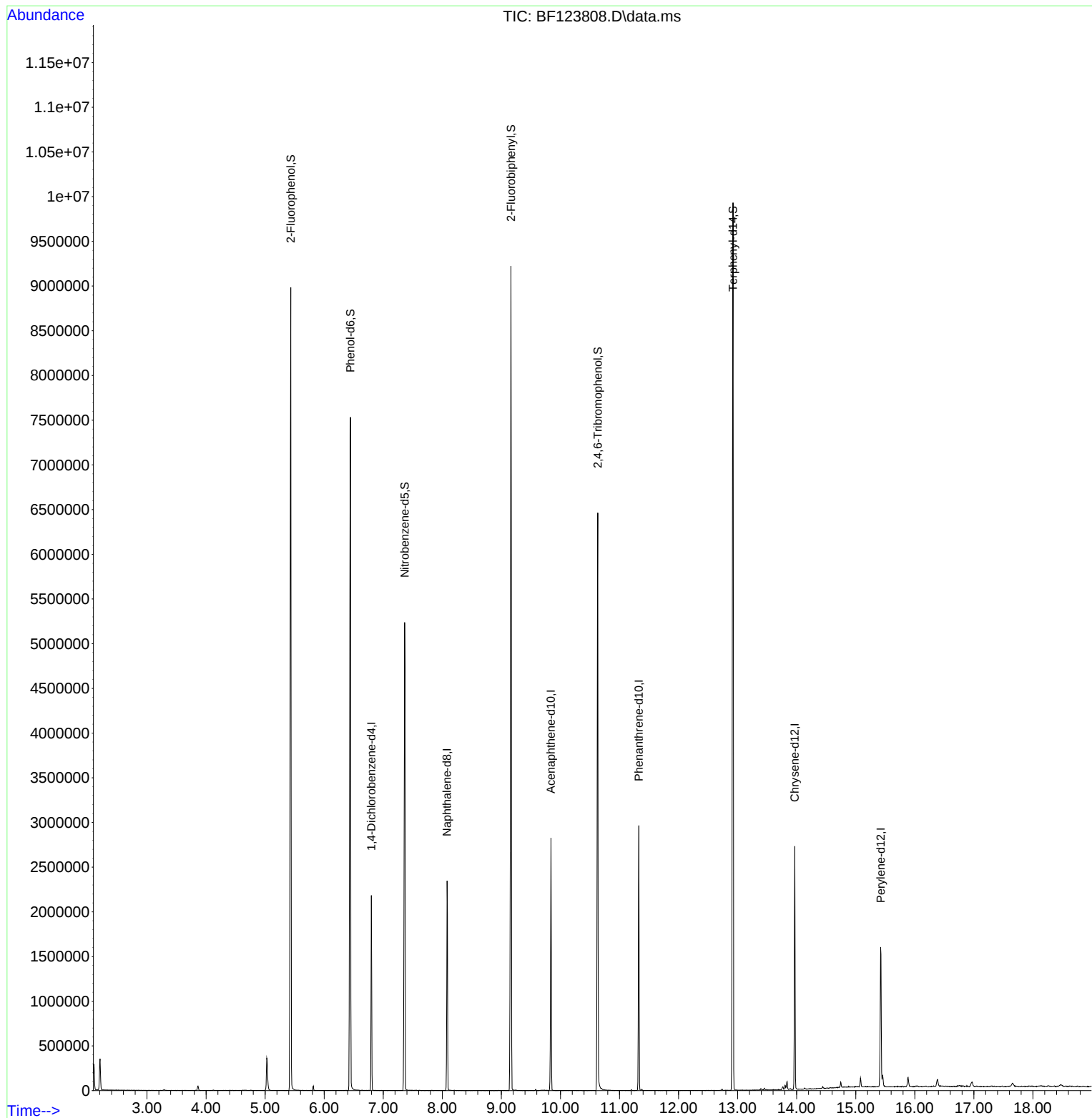
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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QLast Update : Tue May 04 12:58:27 2021  
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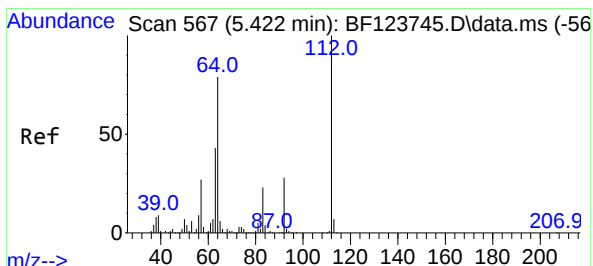
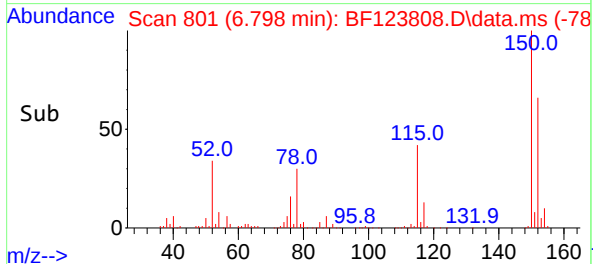
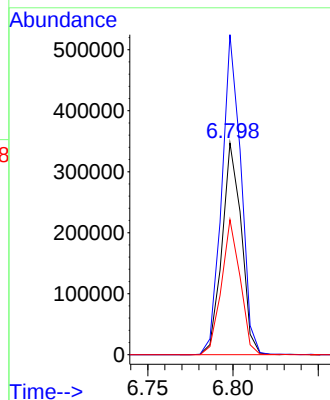
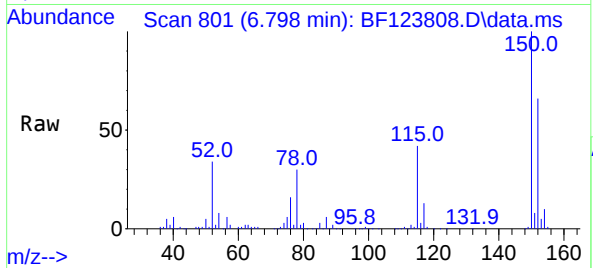




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.798 min Scan# 801  
Delta R.T. -0.006 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

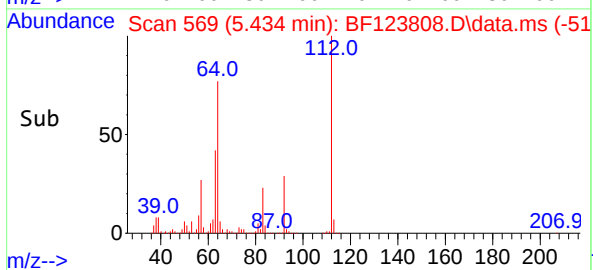
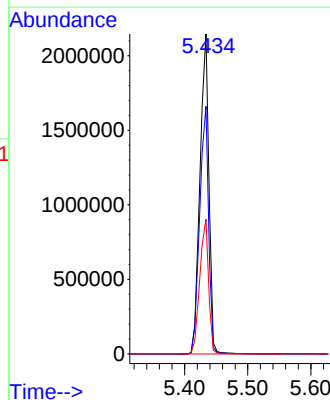
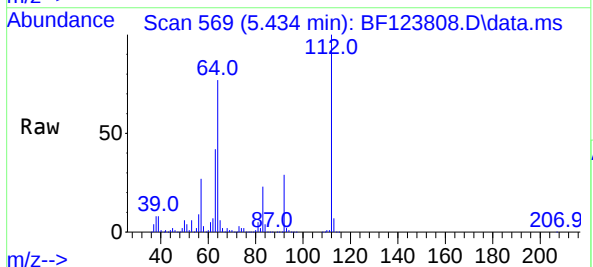
Instrument :  
BNA\_F  
ClientSampleId :  
PB136158TB

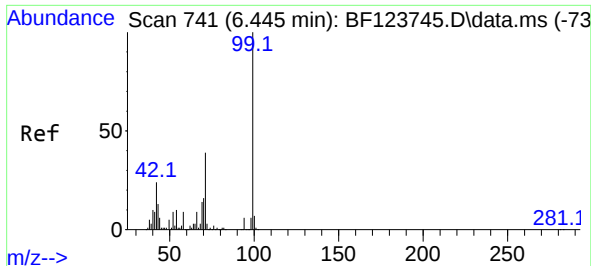
Tgt Ion:152 Resp: 273201  
Ion Ratio Lower Upper  
152 100  
150 151.1 127.0 190.6  
115 63.8 54.3 81.5



#5  
2-Fluorophenol  
Concen: 122.08 ng  
RT: 5.434 min Scan# 569  
Delta R.T. 0.012 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

Tgt Ion:112 Resp: 2105304  
Ion Ratio Lower Upper  
112 100  
64 77.4 61.4 92.0  
63 42.1 33.0 49.4



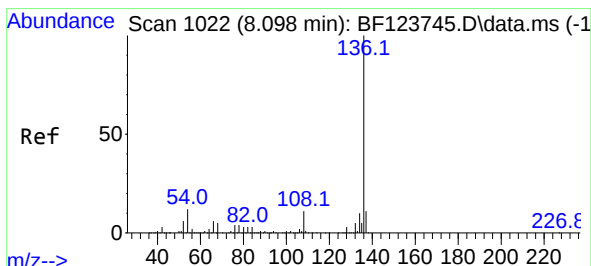
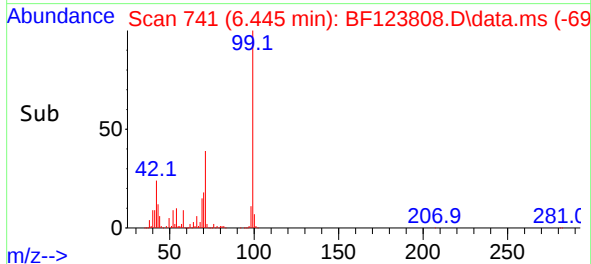
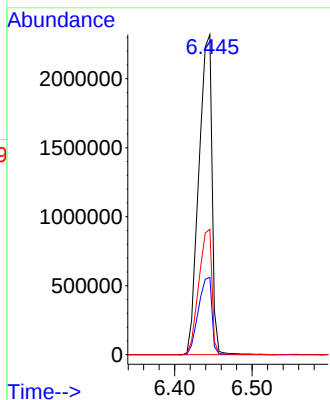
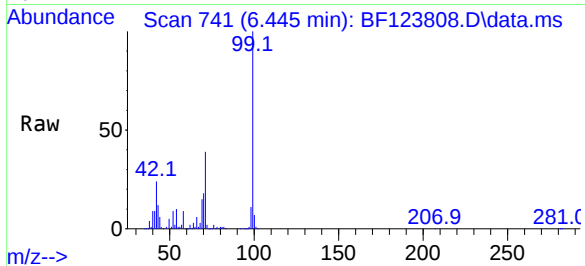


#7  
Phenol-d6  
Concen: 115.37 ng  
RT: 6.445 min Scan# 741  
Delta R.T. -0.000 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB136158TB

Tgt Ion: 99 Resp: 2740600

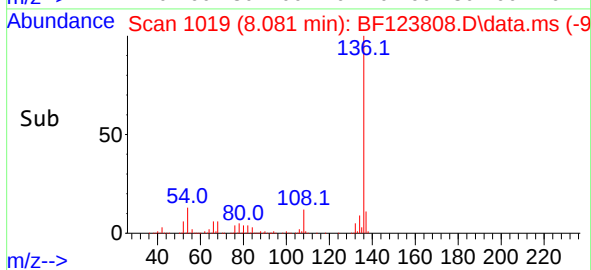
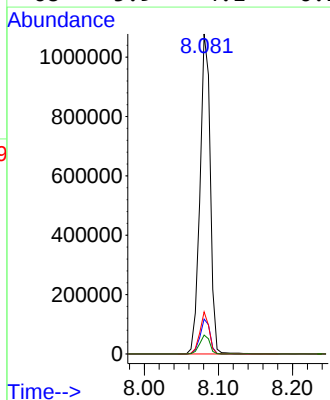
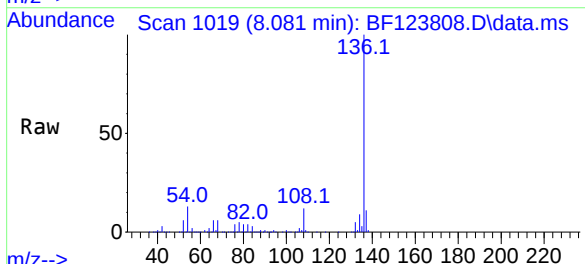
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.2  | 19.8  | 29.8  |
| 71  | 39.1  | 31.1  | 46.7  |

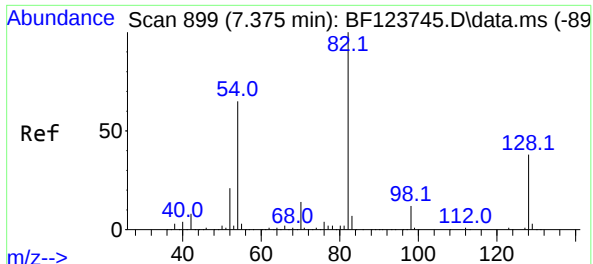


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.081 min Scan# 1019  
Delta R.T. -0.006 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

Tgt Ion: 136 Resp: 1038576

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.7   | 13.1  |
| 54  | 13.2  | 9.8   | 14.6  |
| 68  | 5.9   | 4.1   | 6.1   |





#23

Nitrobenzene-d5

Concen: 84.87 ng

RT: 7.363 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF123808.D

Acq: 4 May 2021 14:55

Tgt Ion: 82 Resp: 1952669

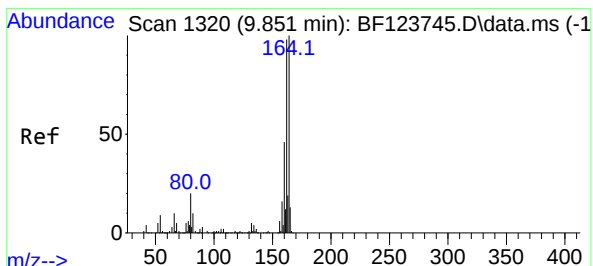
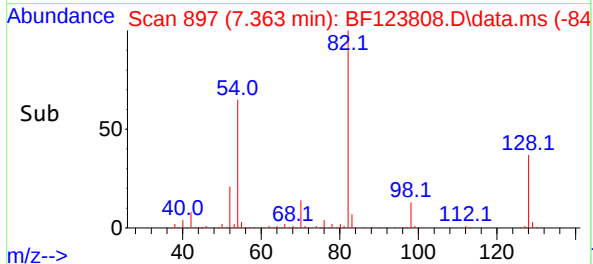
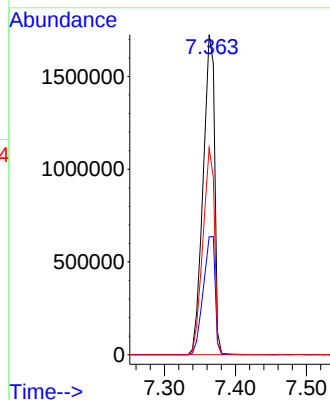
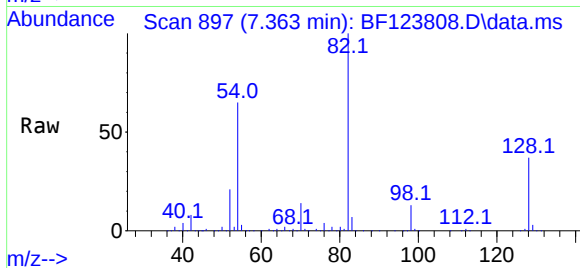
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.9  | 29.4  | 44.2  |
| 54  | 64.7  | 54.1  | 81.1  |

Instrument :

BNA\_F

ClientSampleId :

PB136158TB



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.839 min Scan# 1318

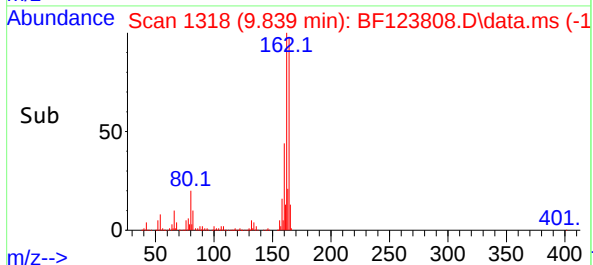
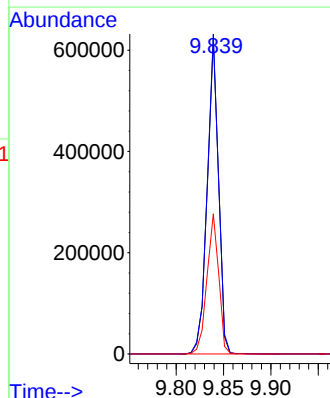
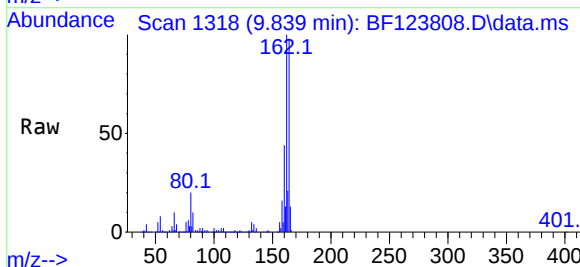
Delta R.T. -0.006 min

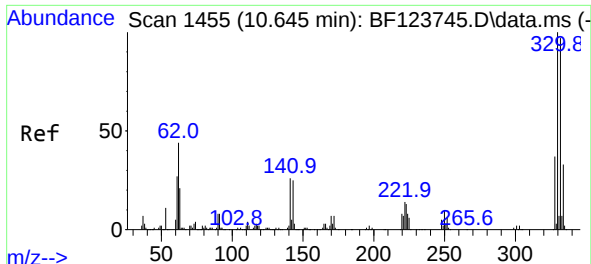
Lab File: BF123808.D

Acq: 4 May 2021 14:55

Tgt Ion:164 Resp: 514628

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.6 | 80.7  | 121.1 |
| 160 | 44.5  | 37.3  | 55.9  |

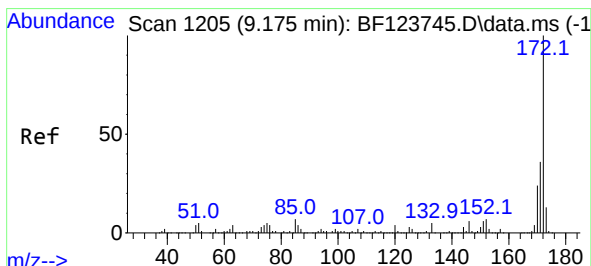
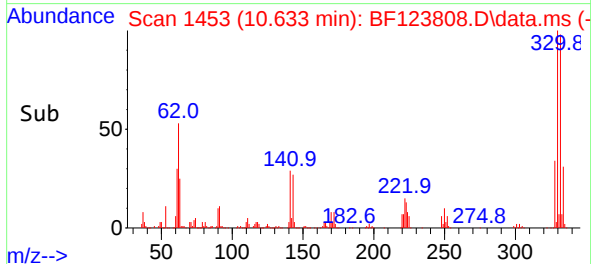
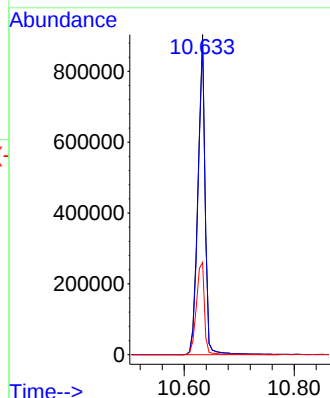
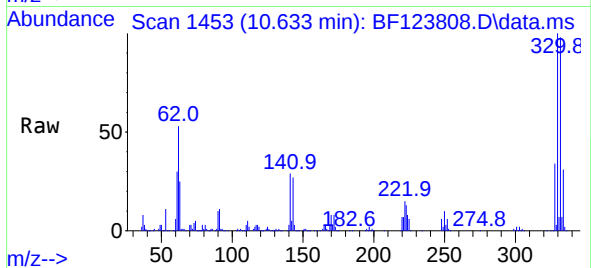




#42  
2,4,6-Tribromophenol  
Concen: 128.00 ng  
RT: 10.633 min Scan# 1453  
Delta R.T. -0.000 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

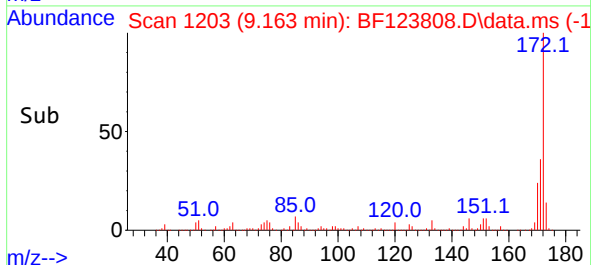
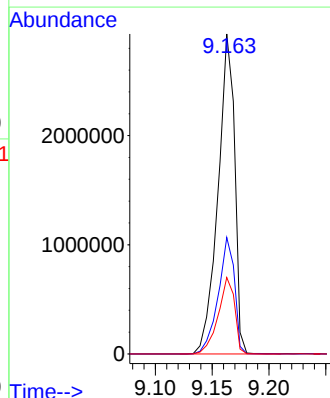
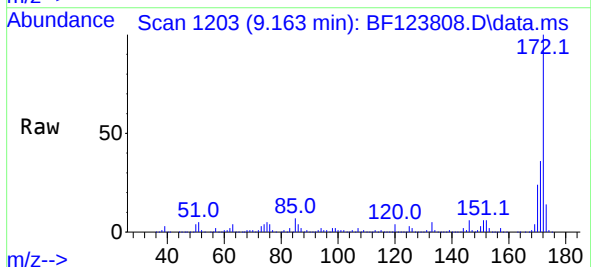
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PB136158TB

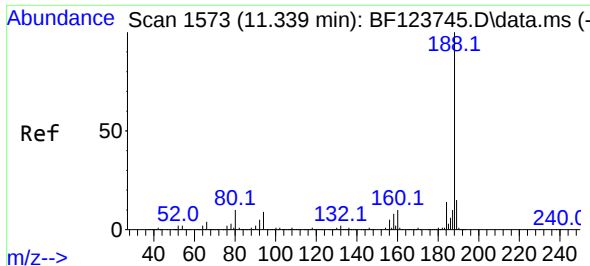
Tgt Ion:330 Resp: 820007  
Ion Ratio Lower Upper  
330 100  
332 97.5 77.1 115.7  
141 32.4 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 84.84 ng  
RT: 9.163 min Scan# 1203  
Delta R.T. -0.006 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

Tgt Ion:172 Resp: 2998179  
Ion Ratio Lower Upper  
172 100  
171 36.4 28.1 42.1  
170 23.9 19.2 28.8

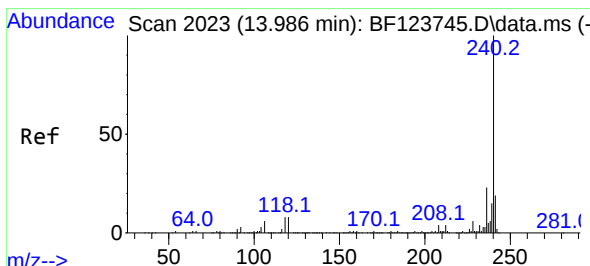
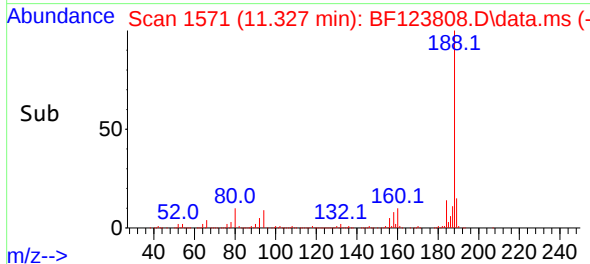
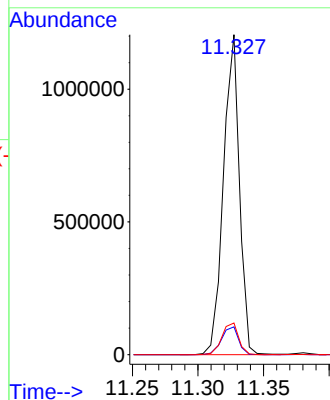
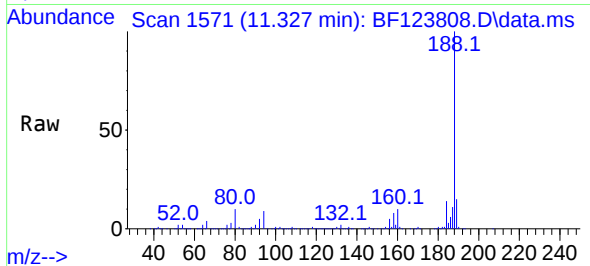




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.327 min Scan# 1571  
Delta R.T. -0.000 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

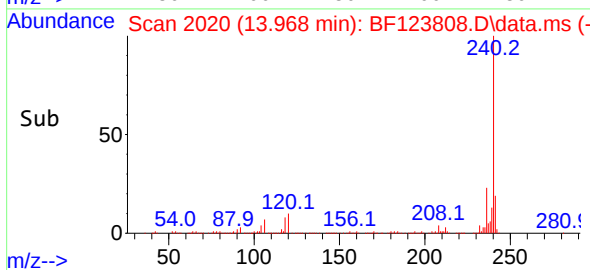
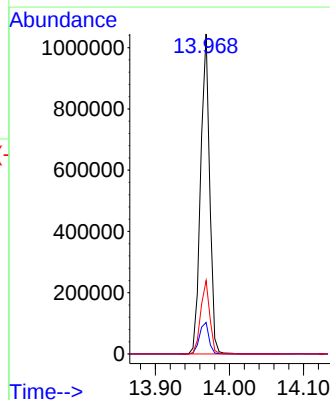
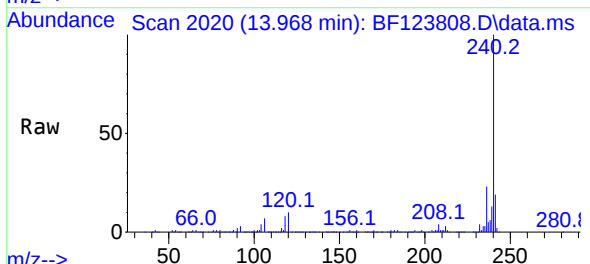
Instrument :  
BNA\_F  
ClientSampleId :  
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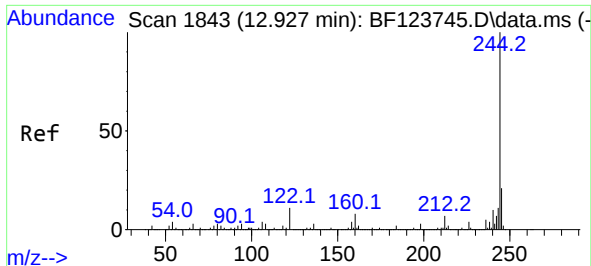
Tgt Ion:188 Resp: 1016865  
Ion Ratio Lower Upper  
188 100  
94 8.7 6.9 10.3  
80 9.9 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.968 min Scan# 2020  
Delta R.T. -0.006 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

Tgt Ion:240 Resp: 883507  
Ion Ratio Lower Upper  
240 100  
120 9.9 7.2 10.8  
236 23.0 19.0 28.4

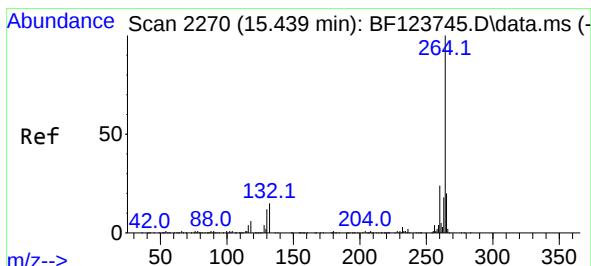
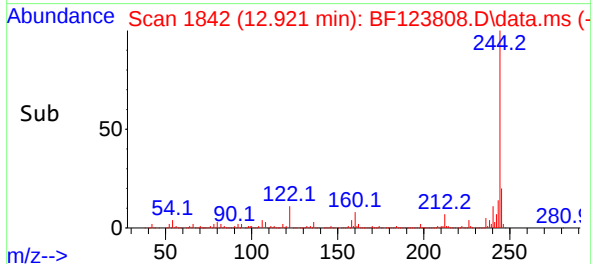
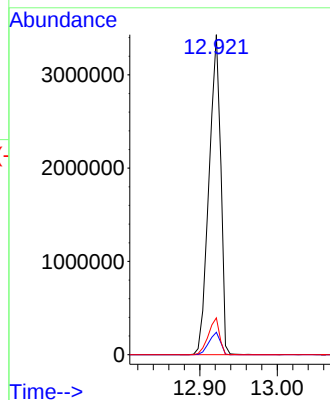
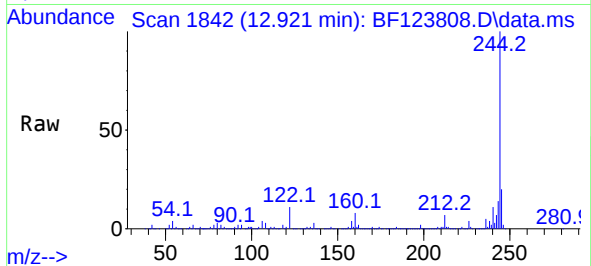




#79  
Terphenyl-d14  
Concen: 78.21 ng  
RT: 12.921 min Scan# 1842  
Delta R.T. 0.006 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

Instrument :  
BNA\_F  
ClientSampleId :  
PB136158TB

Tgt Ion:244 Resp: 3588555  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 11.5 9.7 14.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.421 min Scan# 2267  
Delta R.T. -0.006 min  
Lab File: BF123808.D  
Acq: 4 May 2021 14:55

Tgt Ion:264 Resp: 715978  
Ion Ratio Lower Upper  
264 100  
260 23.4 18.7 28.1  
265 21.5 17.8 26.8

