

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF061621\  
 Data File : BF124345.D  
 Acq On : 16 Jun 2021 16:58  
 Operator : JU/CG  
 Sample : M2672-40  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 17-B6(84-88)

Quant Time: Jun 16 17:29:22 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF060321.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 15 20:09:26 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.781  | 152  | 34469    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.063  | 136  | 132964   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10        | 9.822  | 164  | 79081    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.310 | 188  | 152587   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 13.957 | 240  | 104555   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.415 | 264  | 90609    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.422  | 112  | 236935   | 103.475 | ng    | 0.00     |
| 7) Phenol-d6                | 6.434  | 99   | 266869   | 86.707  | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.351  | 82   | 234965   | 70.087  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.616 | 330  | 121022   | 108.018 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.145  | 172  | 446491   | 71.047  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.904 | 244  | 570876   | 74.964  | ng    | 0.00     |

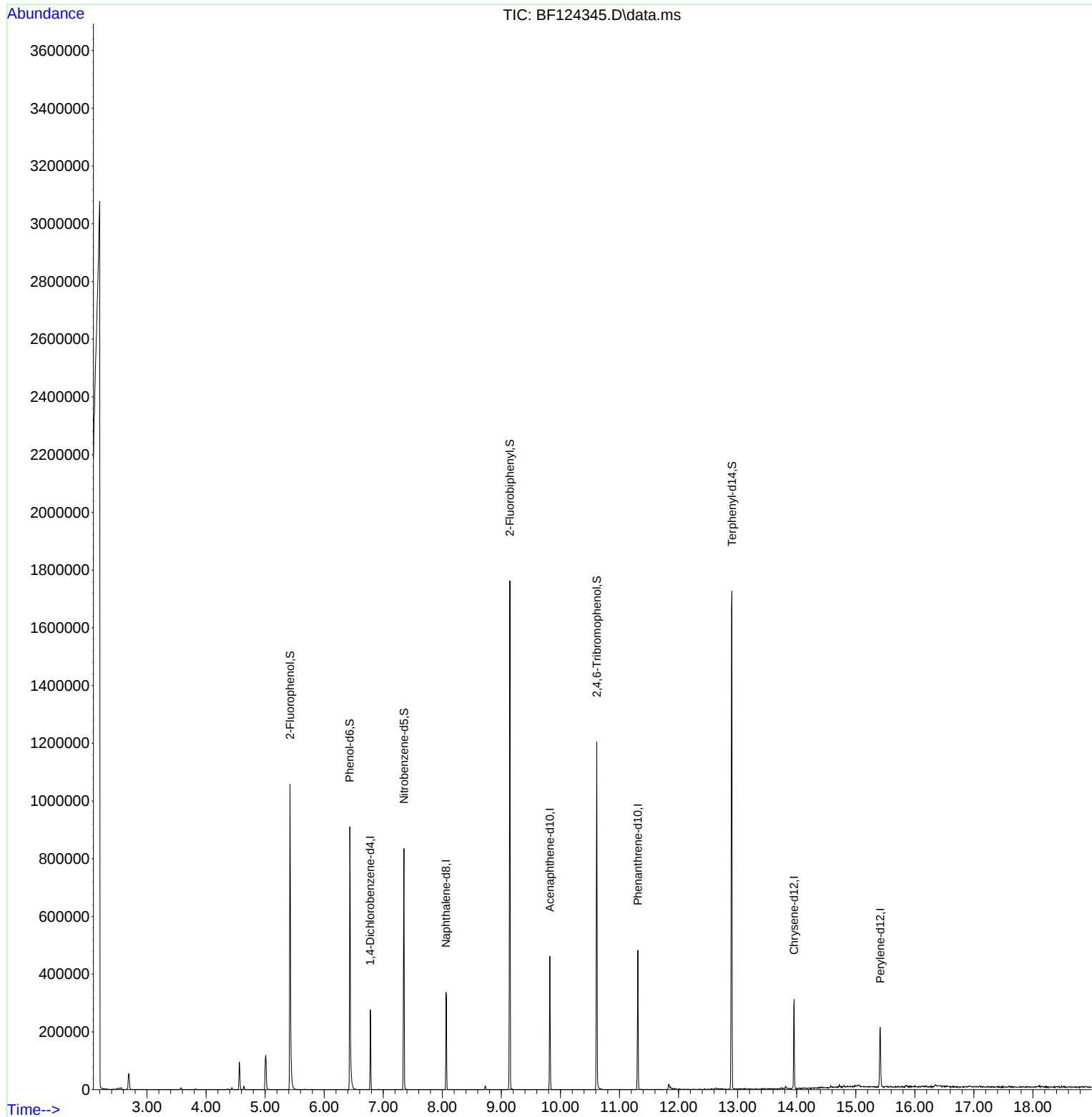
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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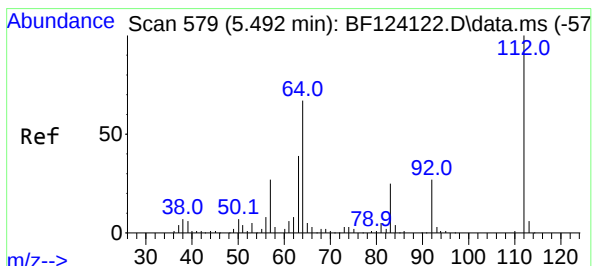
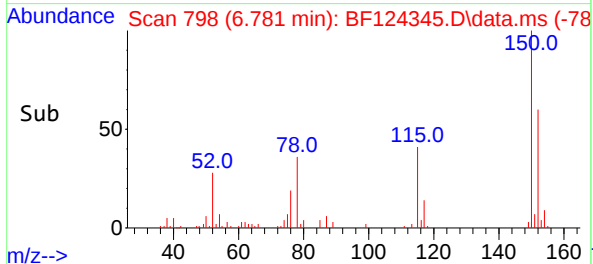
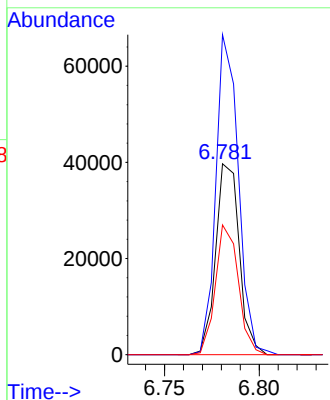
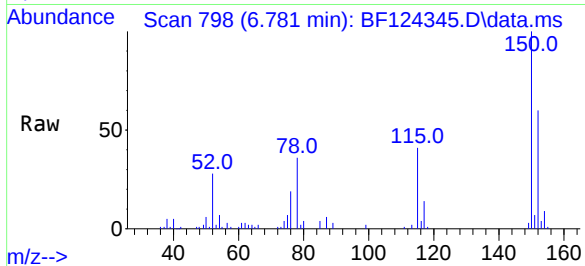




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.781 min Scan# 798  
Delta R.T. -0.005 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

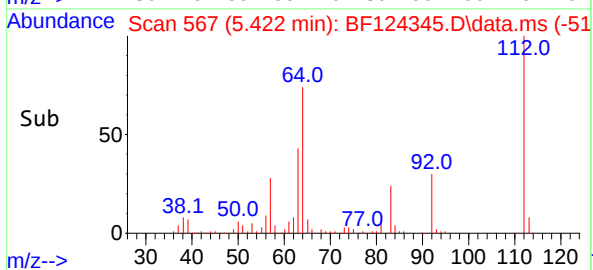
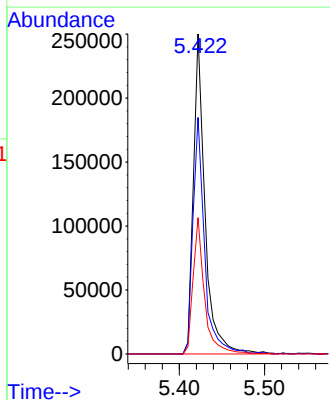
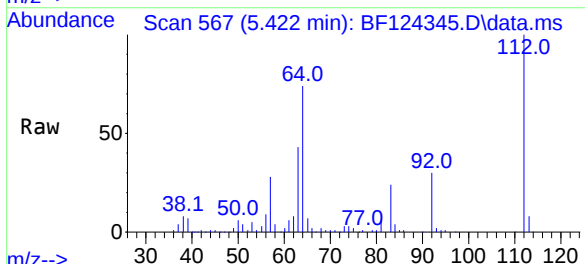
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(84-88)

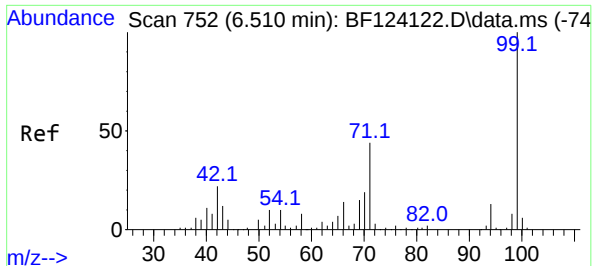
Tgt Ion:152 Resp: 34469  
Ion Ratio Lower Upper  
152 100  
150 167.6 127.0 190.6  
115 68.0 54.3 81.5



#5  
2-Fluorophenol  
Concen: 103.475 ng  
RT: 5.422 min Scan# 567  
Delta R.T. 0.006 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

Tgt Ion:112 Resp: 236935  
Ion Ratio Lower Upper  
112 100  
64 73.9 61.4 92.0  
63 42.6 33.0 49.4

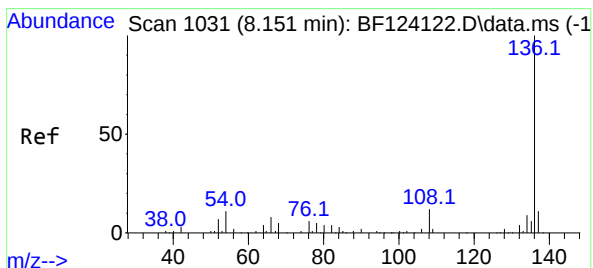
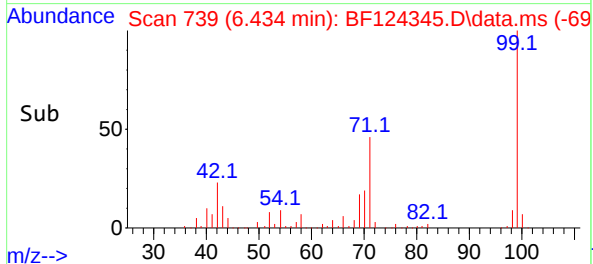
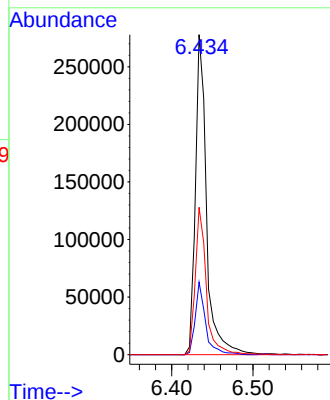
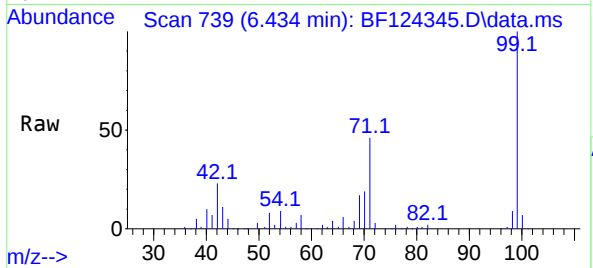




#7  
Phenol-d6  
Concen: 86.707 ng  
RT: 6.434 min Scan# 739  
Delta R.T. -0.012 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

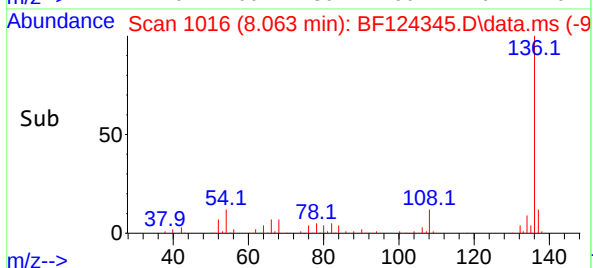
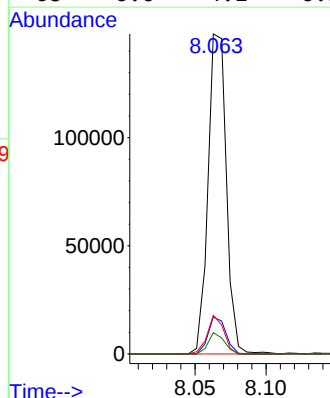
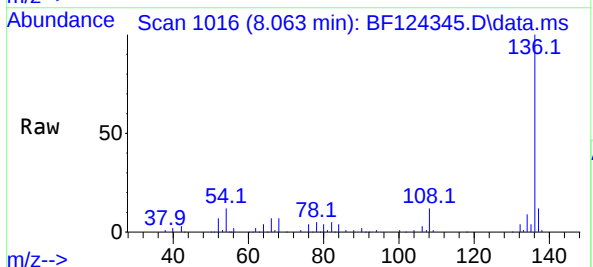
Instrument :  
BNA\_F  
ClientSampleId :  
17-B6(84-88)

Tgt Ion: 99 Resp: 266869  
Ion Ratio Lower Upper  
99 100  
42 22.7 19.8 29.8  
71 46.0 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.063 min Scan# 1016  
Delta R.T. -0.012 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

Tgt Ion: 136 Resp: 132964  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.7 13.1  
54 12.1 9.8 14.6  
68 6.6 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 70.087 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF124345.D

Acq: 16 Jun 2021 16:58

Instrument :

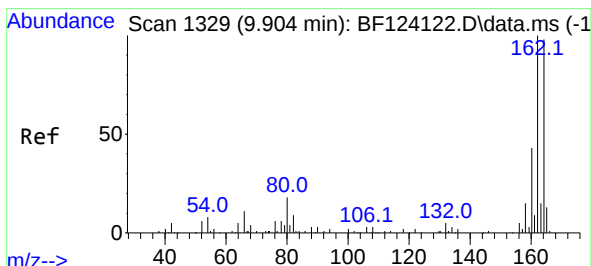
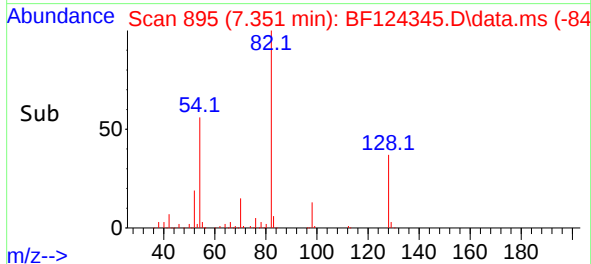
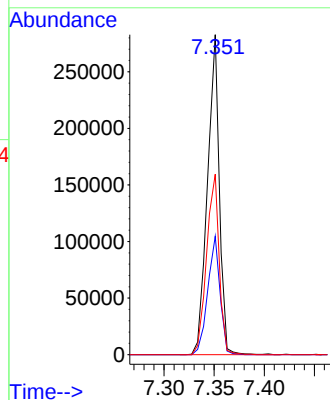
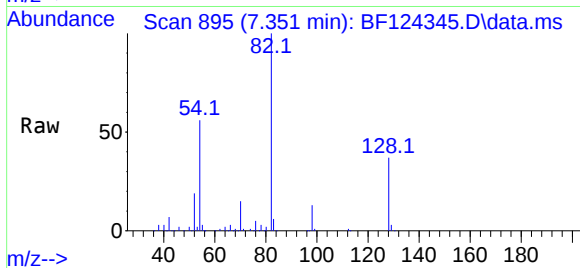
BNA\_F

ClientSampleId :

17-B6(84-88)

Tgt Ion: 82 Resp: 234965

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 37.0  | 29.4  | 44.2  |
| 54  | 56.4  | 54.1  | 81.1  |



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1315

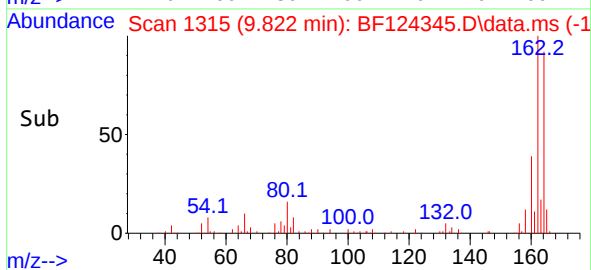
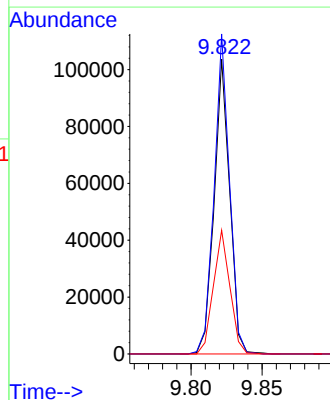
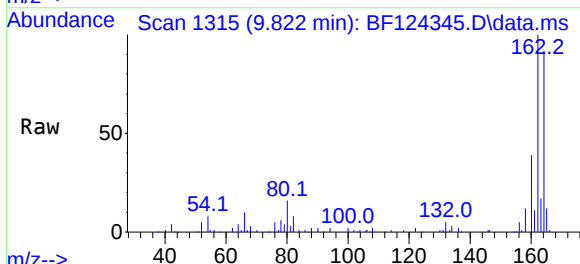
Delta R.T. -0.006 min

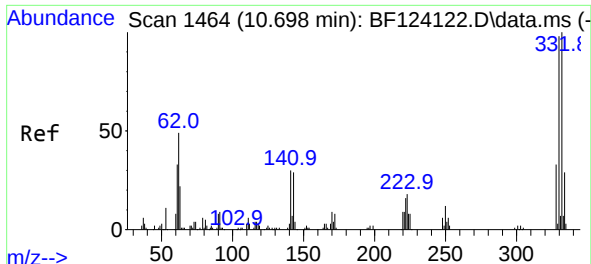
Lab File: BF124345.D

Acq: 16 Jun 2021 16:58

Tgt Ion: 164 Resp: 79081

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 108.5 | 80.7  | 121.1 |
| 160 | 41.9  | 37.3  | 55.9  |

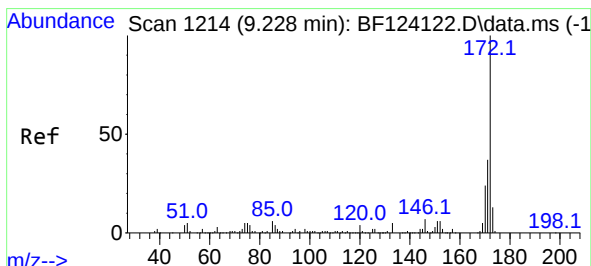
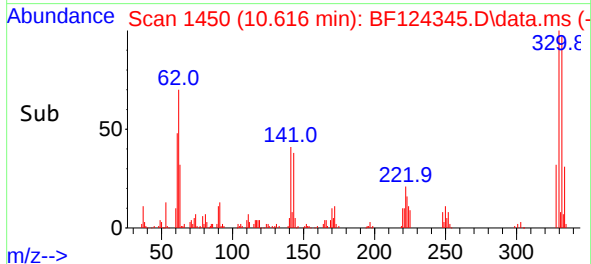
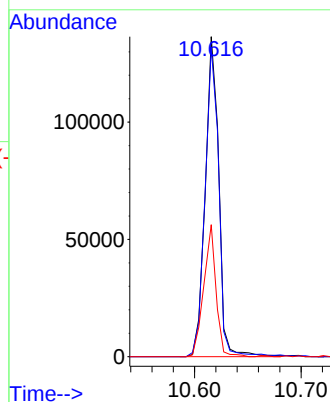
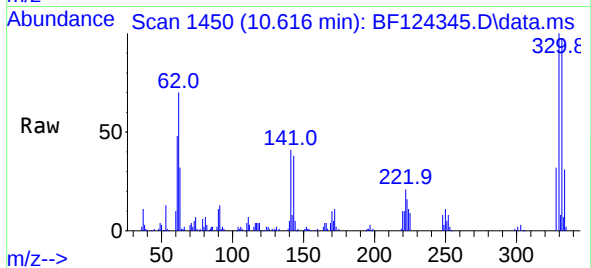




#42  
2,4,6-Tribromophenol  
Concen: 108.018 ng  
RT: 10.616 min Scan# 1450  
Delta R.T. -0.006 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

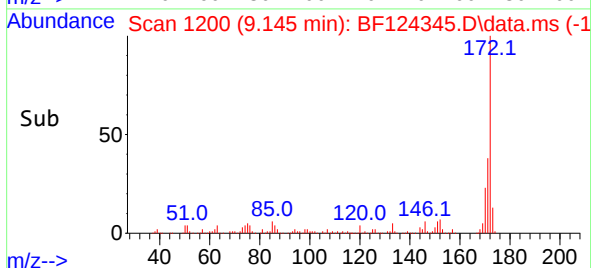
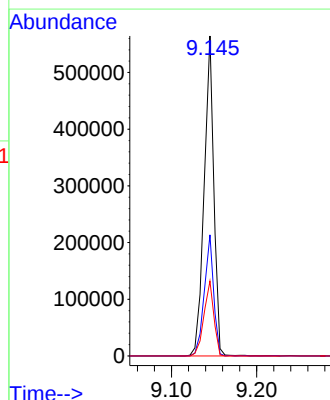
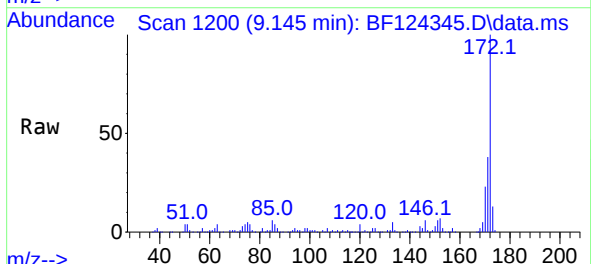
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17-B6(84-88)

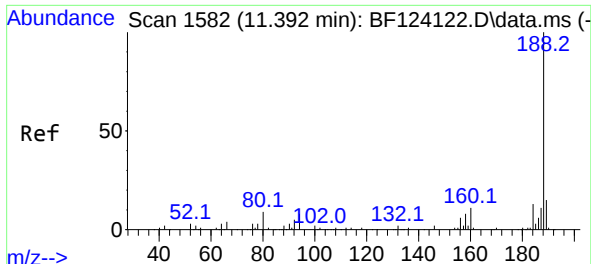
Tgt Ion: 330 Resp: 121022  
Ion Ratio Lower Upper  
330 100  
332 98.1 77.1 115.7  
141 37.5 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 71.047 ng  
RT: 9.145 min Scan# 1200  
Delta R.T. -0.006 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

Tgt Ion: 172 Resp: 446491  
Ion Ratio Lower Upper  
172 100  
171 37.8 28.1 42.1  
170 23.4 19.2 28.8

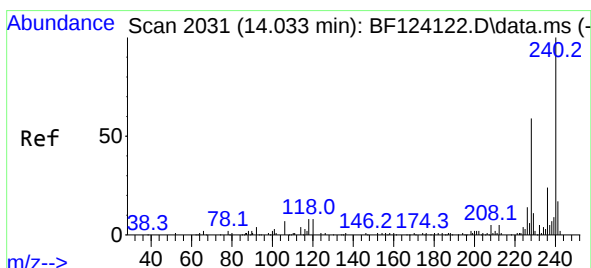
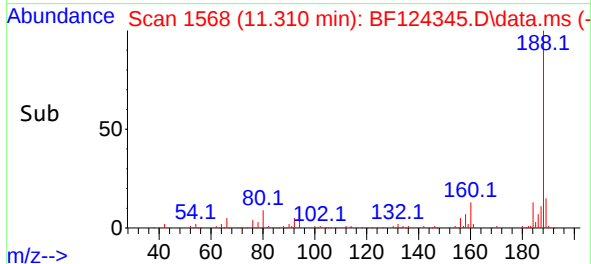
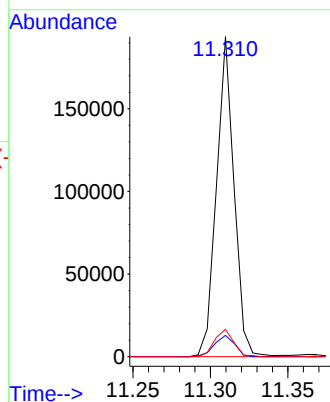
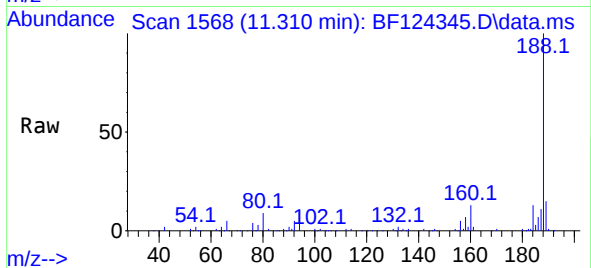




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.310 min Scan# 1568  
Delta R.T. -0.006 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

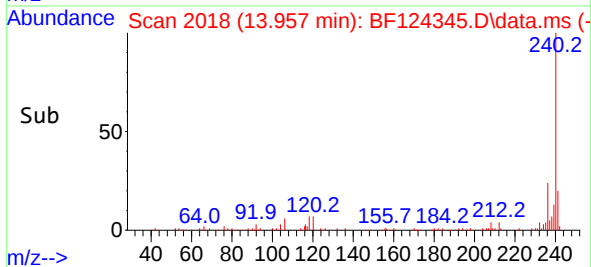
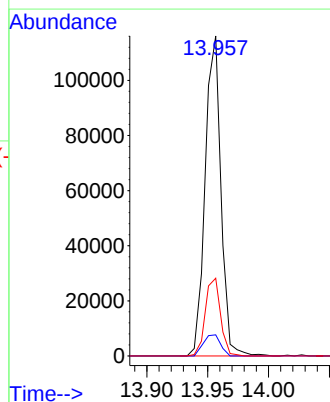
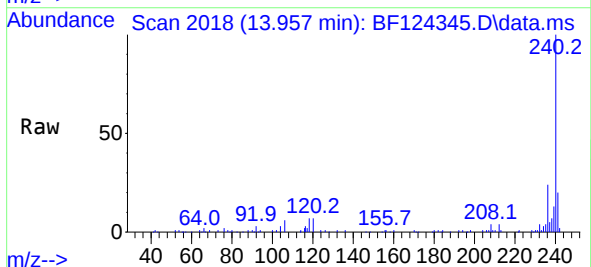
Instrument :  
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17-B6(84-88)

Tgt Ion:188 Resp: 152587  
Ion Ratio Lower Upper  
188 100  
94 6.7 6.9 10.3#  
80 8.6 8.2 12.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.957 min Scan# 2018  
Delta R.T. -0.006 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

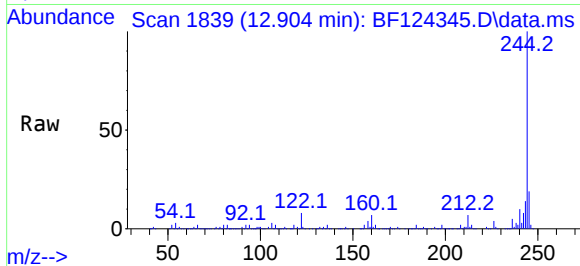
Tgt Ion:240 Resp: 104555  
Ion Ratio Lower Upper  
240 100  
120 6.6 7.2 10.8#  
236 24.3 19.0 28.4



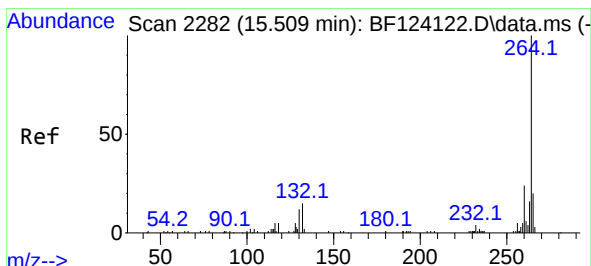
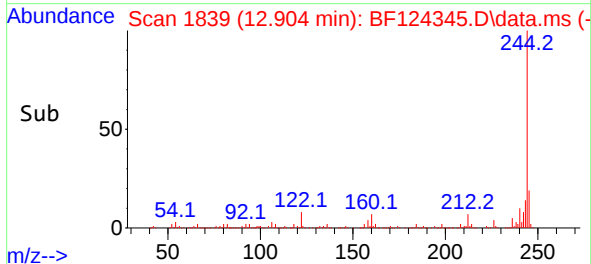
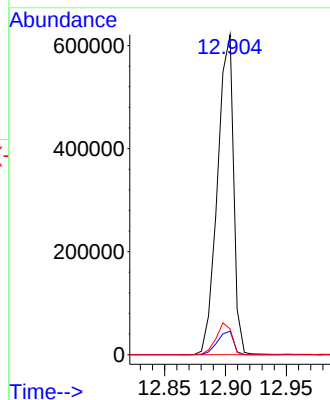


#79  
Terphenyl-d14  
Concen: 74.964 ng  
RT: 12.904 min Scan# 1839  
Delta R.T. 0.000 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

Instrument :  
BNA\_F  
ClientSampleId :  
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Tgt Ion:244 Resp: 570876  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.7 8.5  
122 8.0 9.7 14.5#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.415 min Scan# 2266  
Delta R.T. 0.000 min  
Lab File: BF124345.D  
Acq: 16 Jun 2021 16:58

Tgt Ion:264 Resp: 90609  
Ion Ratio Lower Upper  
264 100  
260 21.9 18.7 28.1  
265 22.8 17.8 26.8

