

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011621\  
 Data File : BF122976.D  
 Acq On : 15 Jan 2021 22:29  
 Operator : JU/CG  
 Sample : PB134133BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB134133BL

Quant Time: Jan 18 13:17:40 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF011621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 18 13:14:08 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 270658   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.175  | 136  | 1108916  | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.933  | 164  | 565477   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.422 | 188  | 984569   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 14.068 | 240  | 800559   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 15.545 | 264  | 717712   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.522  | 112  | 2155573  | 120.39 | ng    | 0.01     |
| 7) Phenol-d6                | 6.516  | 99   | 2713660  | 112.77 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 1708830  | 79.30  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 784491   | 122.68 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.257  | 172  | 2968572  | 73.51  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.021 | 244  | 3053185  | 69.93  | ng    | 0.00     |

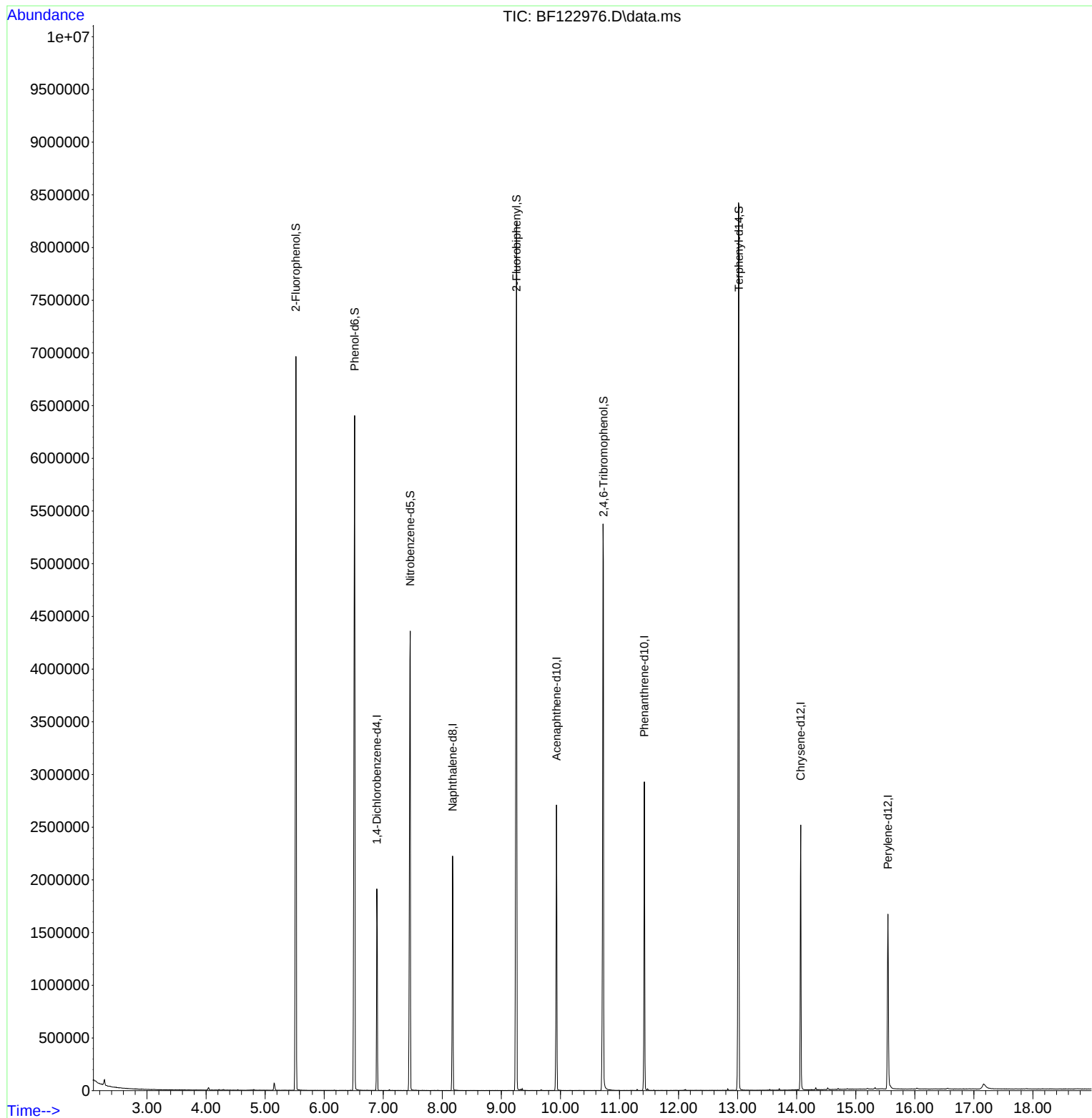
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

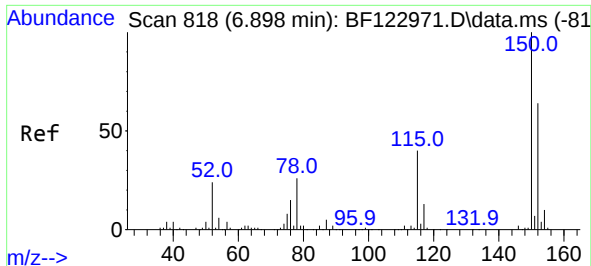
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF011621\  
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ALS Vial : 10 Sample Multiplier: 1

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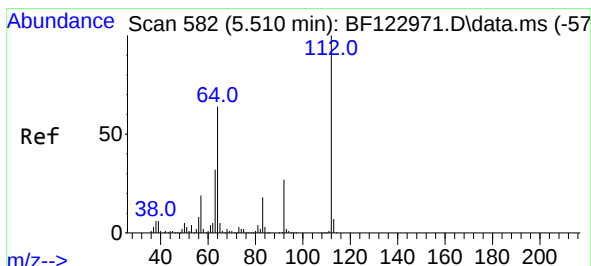
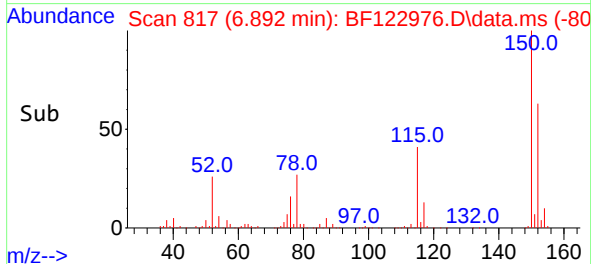
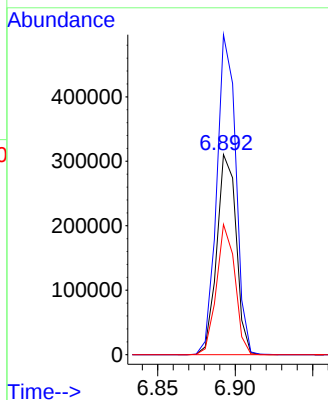
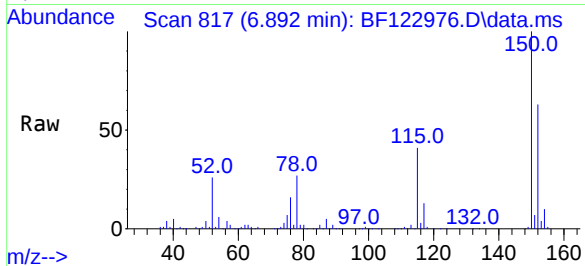




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.892 min Scan# 817  
Delta R.T. -0.006 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

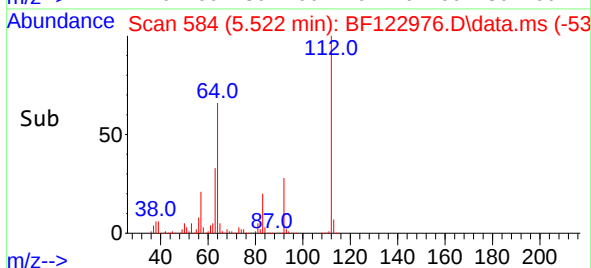
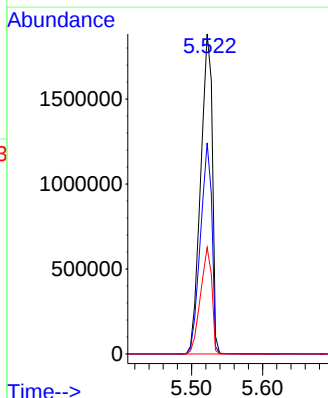
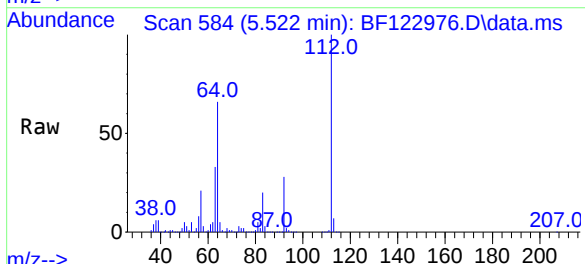
Instrument :  
BNA\_F  
ClientSampleId :  
PB134133BL

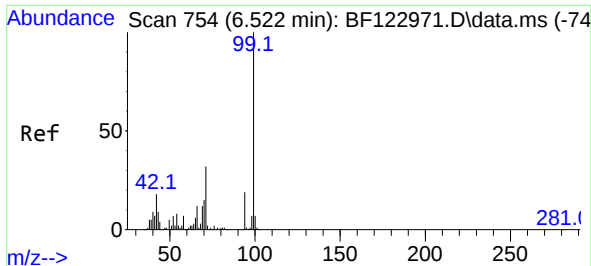
Tgt Ion:152 Resp: 270658  
Ion Ratio Lower Upper  
152 100  
150 159.9 125.8 188.6  
115 65.1 49.3 73.9



#5  
2-Fluorophenol  
Concen: 120.39 ng  
RT: 5.522 min Scan# 584  
Delta R.T. 0.012 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

Tgt Ion:112 Resp: 2155573  
Ion Ratio Lower Upper  
112 100  
64 65.9 46.9 70.3  
63 33.3 24.5 36.7



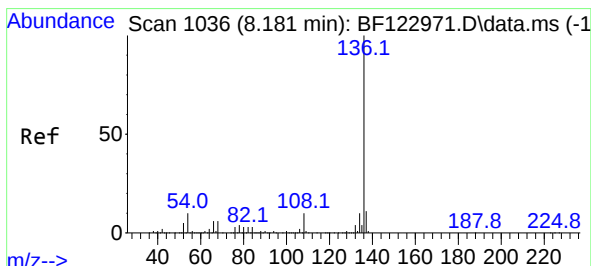
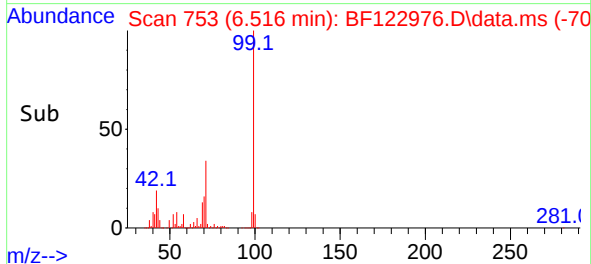
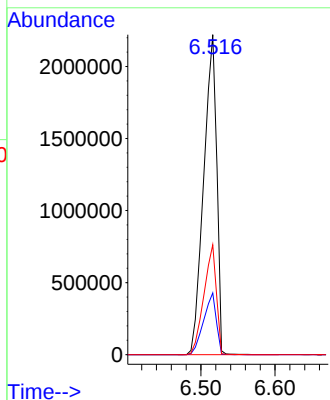
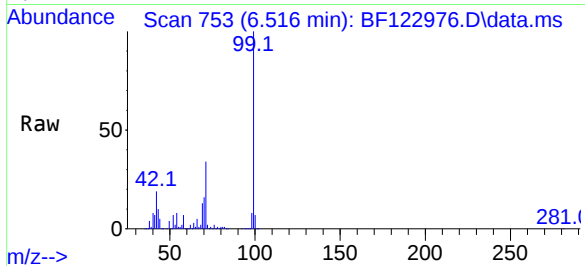


#7  
Phenol-d6  
Concen: 112.77 ng  
RT: 6.516 min Scan# 753  
Delta R.T. -0.006 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB134133BL

Tgt Ion: 99 Resp: 2713660

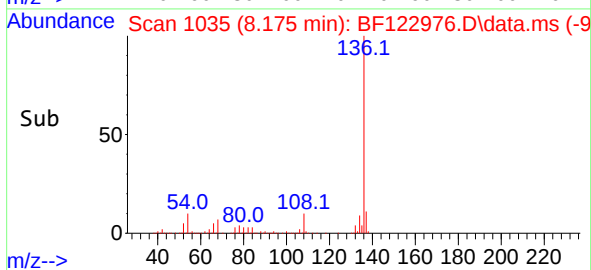
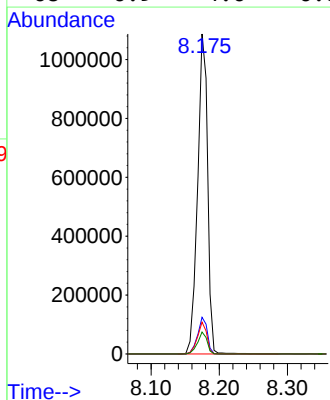
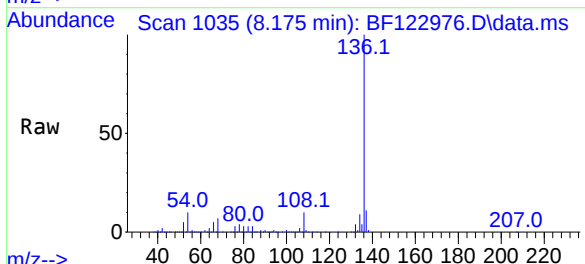
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.3  | 13.8  | 20.6  |
| 71  | 34.4  | 26.9  | 40.3  |

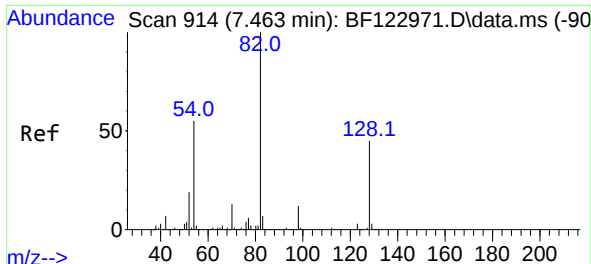


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.175 min Scan# 1035  
Delta R.T. -0.006 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

Tgt Ion: 136 Resp: 1108916

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.4  | 8.8   | 13.2  |
| 54  | 9.9   | 5.5   | 8.3#  |
| 68  | 6.9   | 4.6   | 6.8#  |





#23

Nitrobenzene-d5

Concen: 79.30 ng

RT: 7.457 min Scan# 913

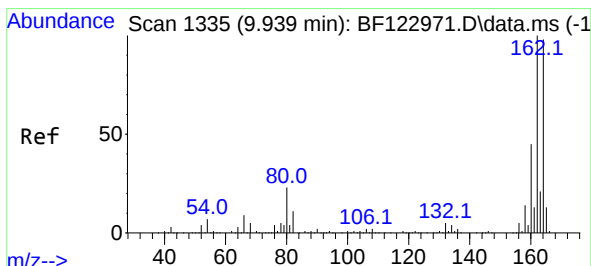
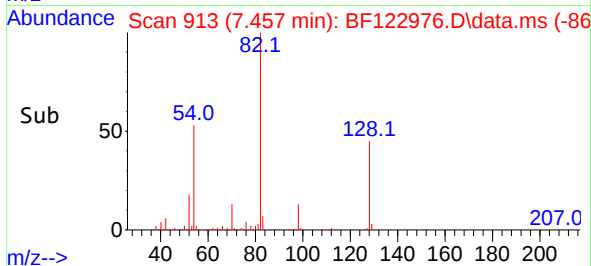
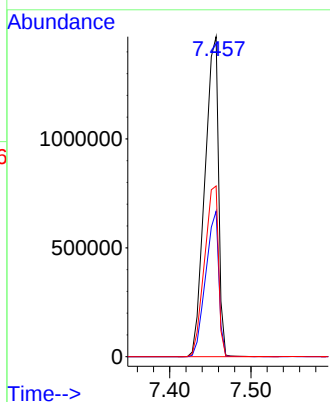
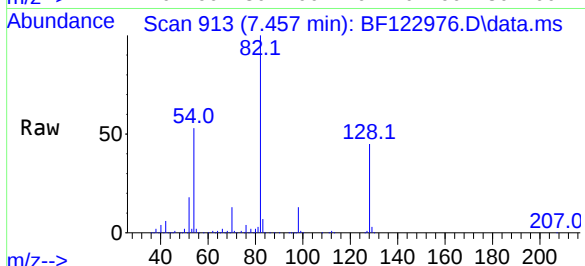
Delta R.T. -0.006 min

Lab File: BF122976.D

Acq: 15 Jan 2021 22:29

Tgt Ion: 82 Resp: 1708830

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 45.5  | 37.0  | 55.4  |
| 54  | 53.4  | 38.4  | 57.6  |



#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.933 min Scan# 1334

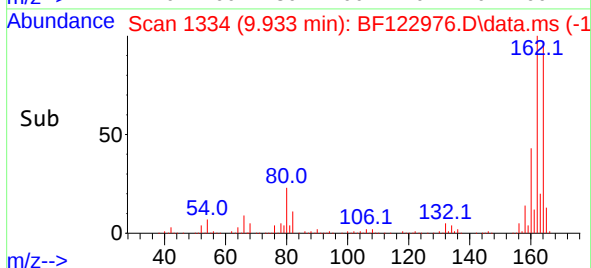
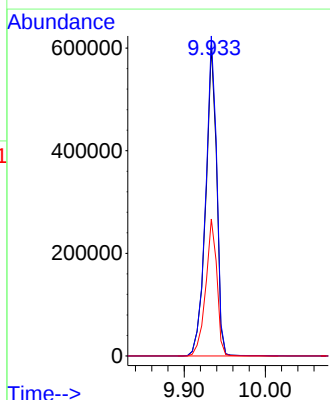
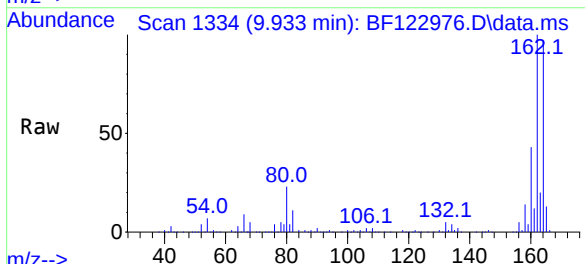
Delta R.T. -0.006 min

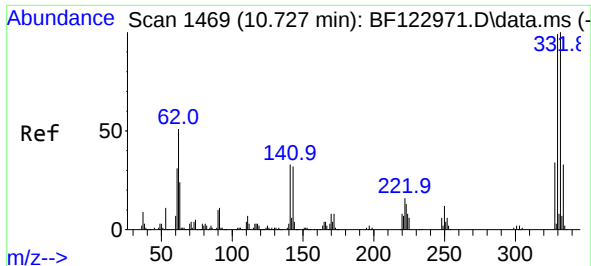
Lab File: BF122976.D

Acq: 15 Jan 2021 22:29

Tgt Ion: 164 Resp: 565477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 103.0 | 80.8  | 121.2 |
| 160 | 44.1  | 35.4  | 53.0  |

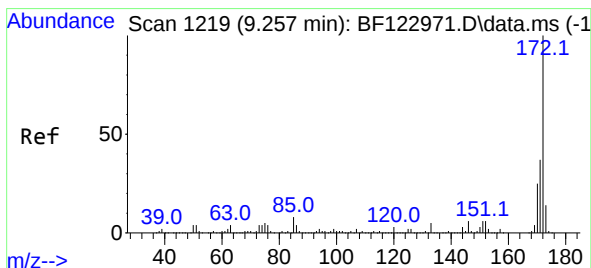
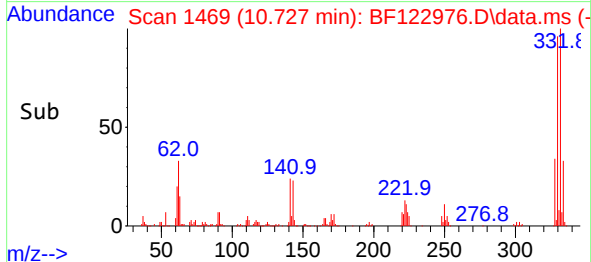
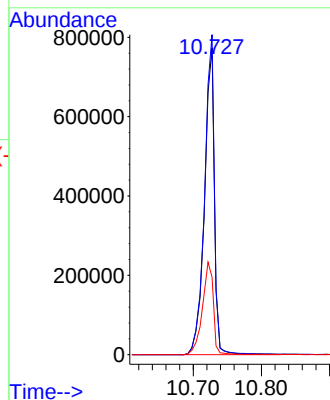
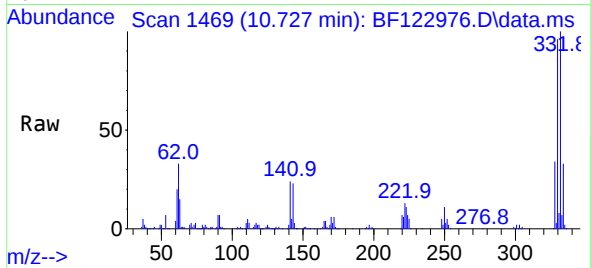




#42  
2,4,6-Tribromophenol  
Concen: 122.68 ng  
RT: 10.727 min Scan# 1469  
Delta R.T. 0.000 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

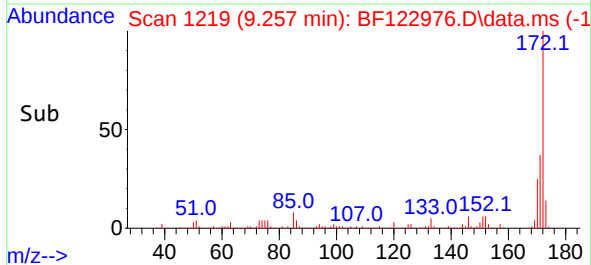
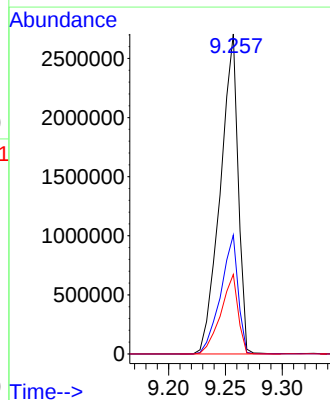
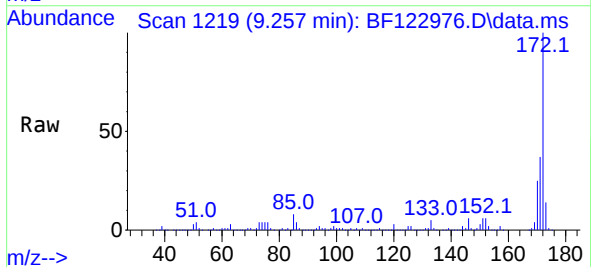
Instrument :  
BNA\_F  
ClientSampleId :  
PB134133BL

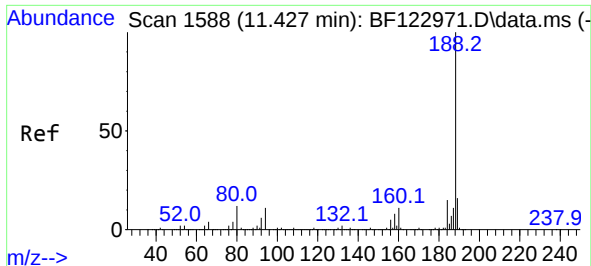
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 330   | Resp: | 784491 |
| Ion Ratio | Lower | Upper |        |
| 330       | 100   |       |        |
| 332       | 103.6 | 77.5  | 116.3  |
| 141       | 33.2  | 23.8  | 35.8   |



#45  
2-Fluorobiphenyl  
Concen: 73.51 ng  
RT: 9.257 min Scan# 1219  
Delta R.T. -0.000 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 172   | Resp: | 2968572 |
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 37.2  | 29.6  | 44.4    |
| 170       | 24.8  | 19.5  | 29.3    |

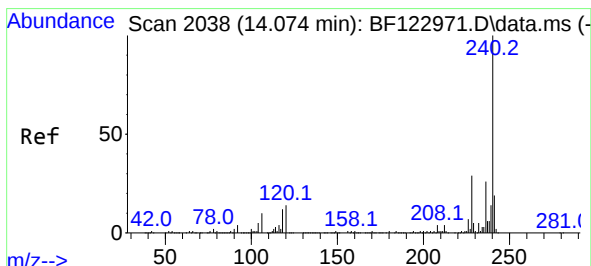
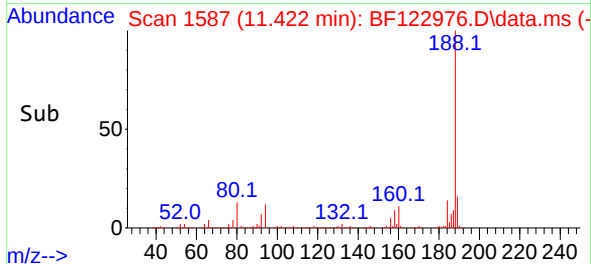
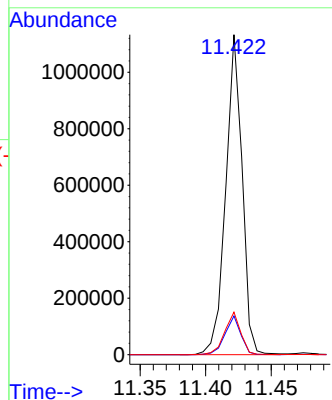
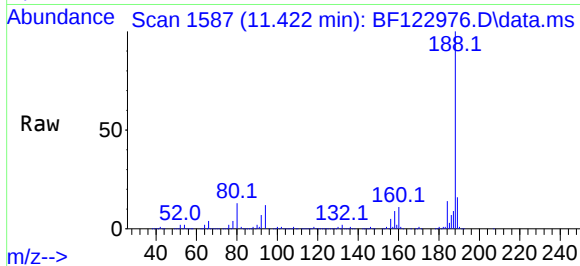




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.422 min Scan# 1587  
Delta R.T. -0.006 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

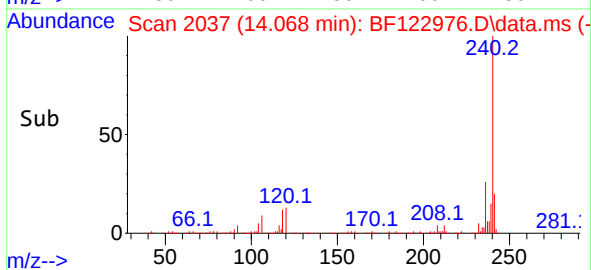
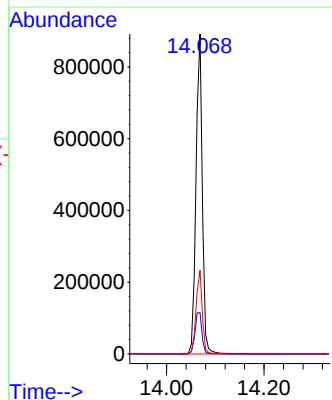
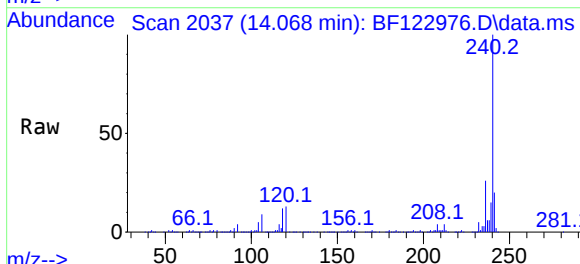
Instrument :  
BNA\_F  
ClientSampleId :  
PB134133BL

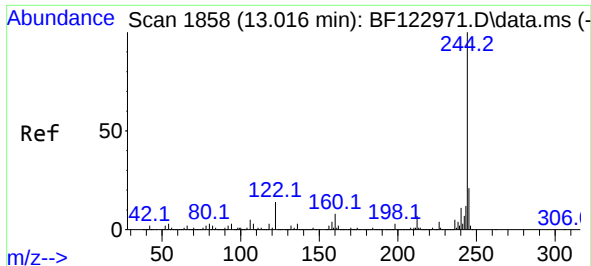
Tgt Ion:188 Resp: 984569  
Ion Ratio Lower Upper  
188 100  
94 12.1 7.4 11.2#  
80 13.3 8.2 12.4#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.068 min Scan# 2037  
Delta R.T. -0.006 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

Tgt Ion:240 Resp: 800559  
Ion Ratio Lower Upper  
240 100  
120 12.9 8.6 12.8#  
236 26.1 20.3 30.5

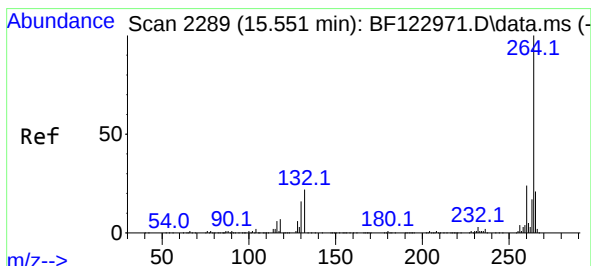
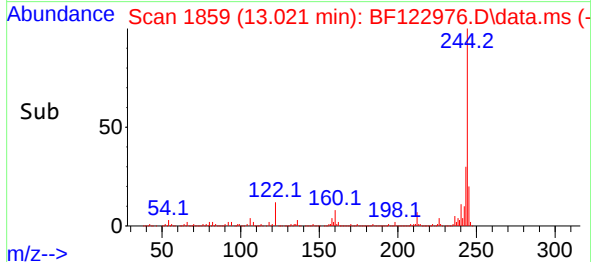
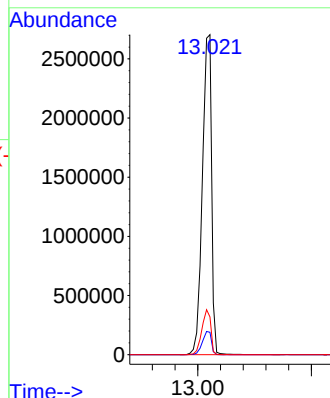
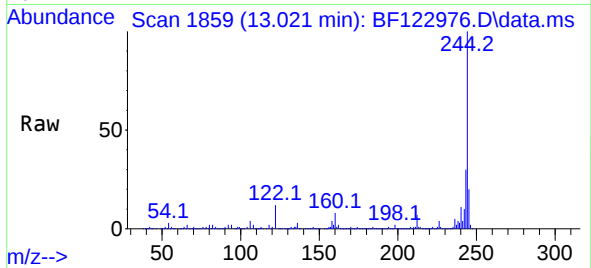




#79  
Terphenyl-d14  
Concen: 69.93 ng  
RT: 13.021 min Scan# 1859  
Delta R.T. 0.005 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

Instrument :  
BNA\_F  
ClientSampleId :  
PB134133BL

Tgt Ion:244 Resp: 3053185  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 11.8 8.3 12.5



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.545 min Scan# 2288  
Delta R.T. -0.006 min  
Lab File: BF122976.D  
Acq: 15 Jan 2021 22:29

Tgt Ion:264 Resp: 717712  
Ion Ratio Lower Upper  
264 100  
260 24.3 18.6 28.0  
265 22.0 17.0 25.6

