

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF072121\  
 Data File : BF124679.D  
 Acq On : 22 Jul 2021 2:15  
 Operator : JU/CG  
 Sample : M3109-01  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PX-02D

Quant Time: Jul 22 03:18:21 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF070721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 21 16:08:04 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.887  | 152  | 6492     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.169  | 136  | 24800    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 9.928  | 164  | 14330    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.416 | 188  | 26032    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 16292    | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 15.533 | 264  | 14244    | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.504  | 112  | 53415    | 142.553 | ng    | 0.00     |
| 7) Phenol-d6                | 6.510  | 99   | 64951    | 142.491 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 7.451  | 82   | 40957    | 104.254 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.722 | 330  | 17789    | 159.523 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 94670    | 96.337  | ng    | 0.00     |
| 79) Terphenyl-d14           | 13.004 | 244  | 102613   | 105.763 | ng    | 0.00     |

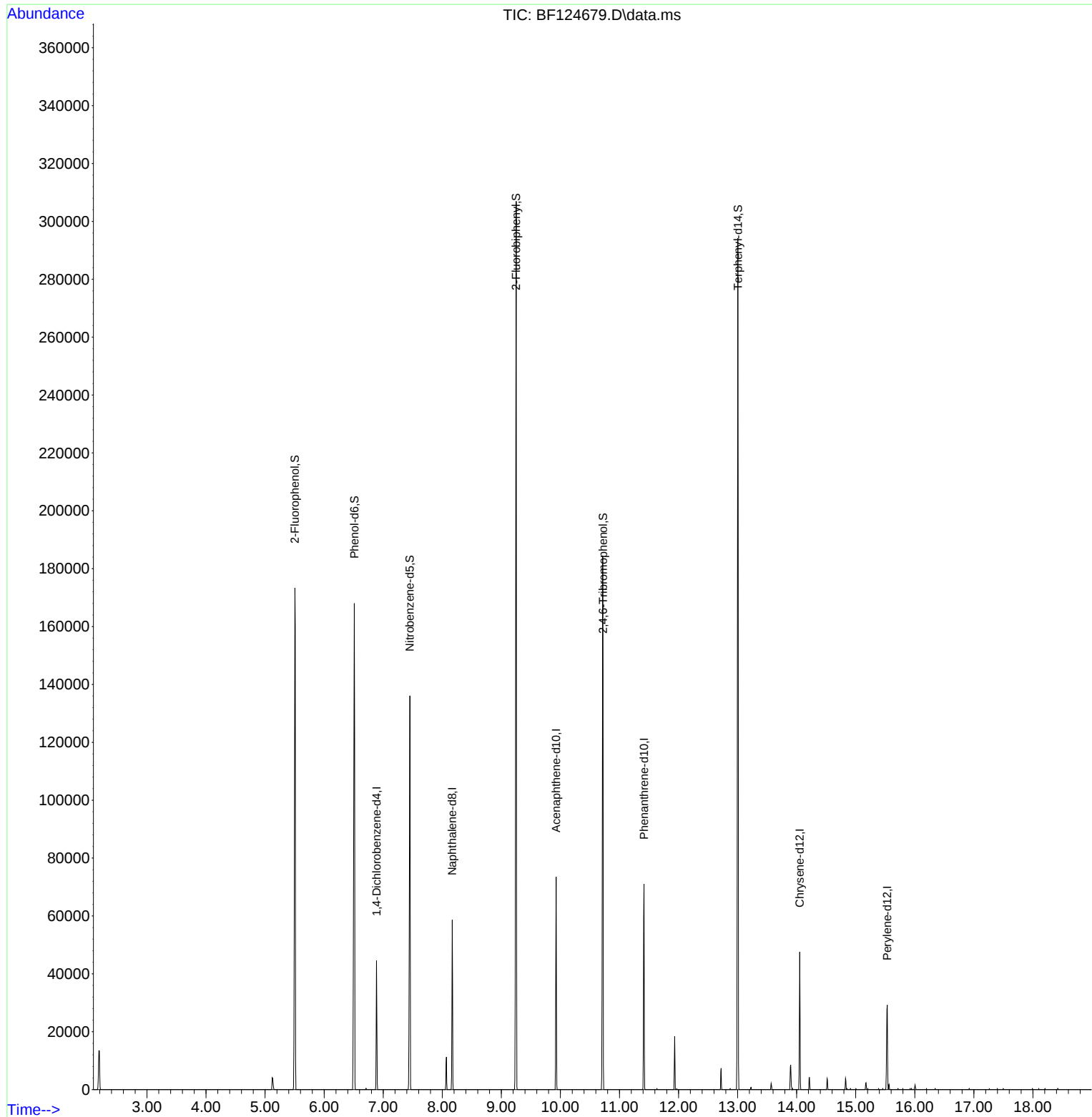
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

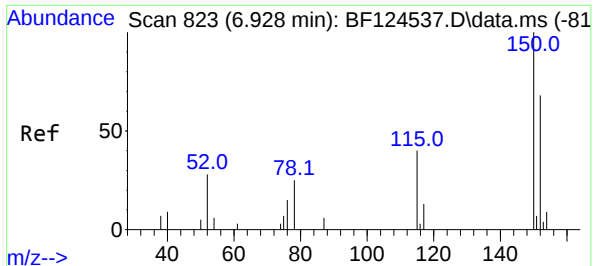
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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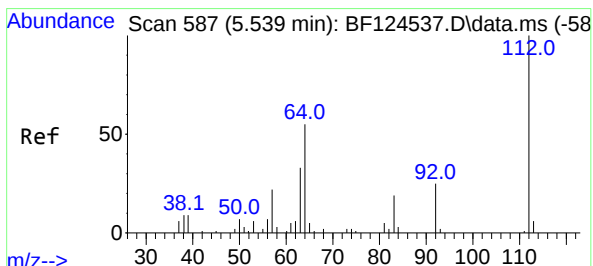
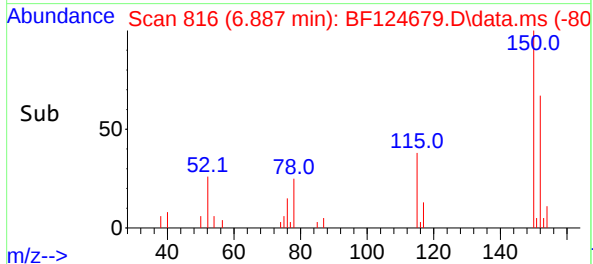
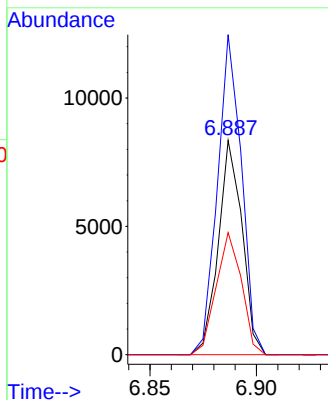
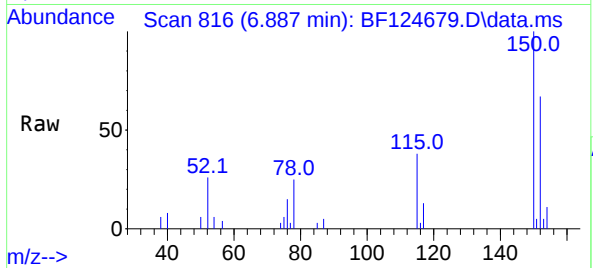




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.887 min Scan# 816  
Delta R.T. -0.005 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

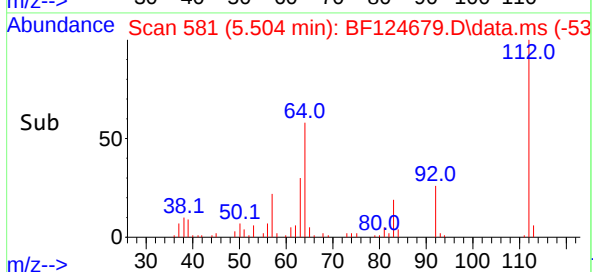
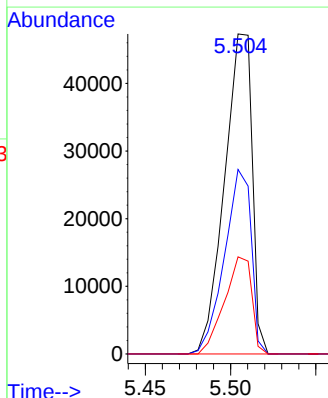
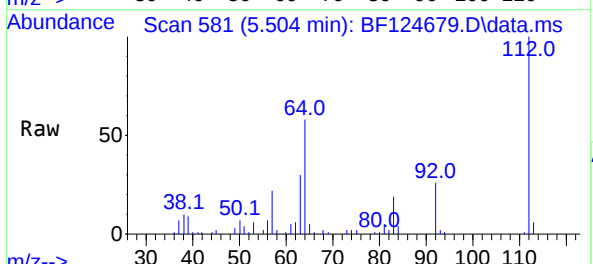
Instrument :  
BNA\_F  
ClientSampleId :  
PX-02D

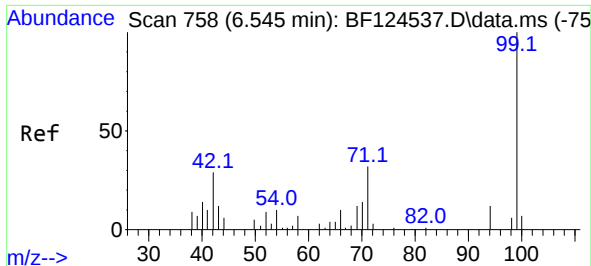
Tgt Ion:152 Resp: 6492  
Ion Ratio Lower Upper  
152 100  
150 149.3 117.6 176.4  
115 57.0 47.1 70.7



#5  
2-Fluorophenol  
Concen: 142.553 ng  
RT: 5.504 min Scan# 581  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

Tgt Ion:112 Resp: 53415  
Ion Ratio Lower Upper  
112 100  
64 57.7 44.2 66.2  
63 30.4 26.2 39.2



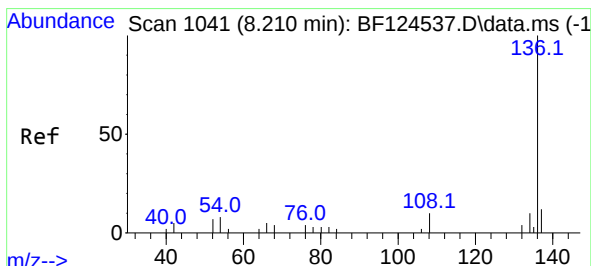
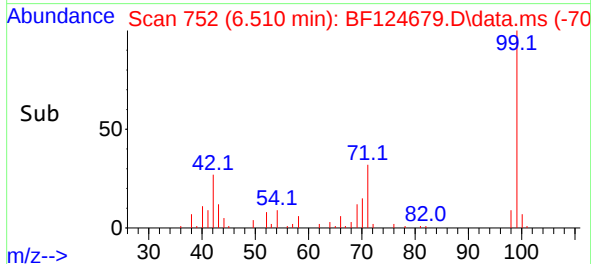
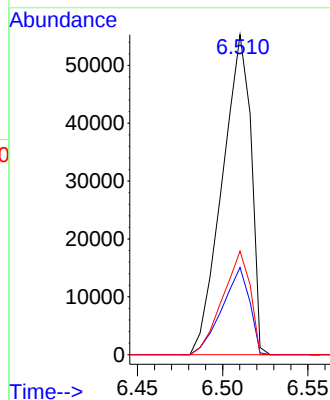
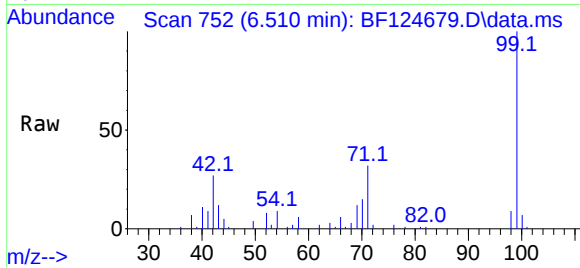


#7  
Phenol-d6  
Concen: 142.491 ng  
RT: 6.510 min Scan# 752  
Delta R.T. -0.012 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

Instrument :  
BNA\_F  
ClientSampleId :  
PX-02D

Tgt Ion: 99 Resp: 64951

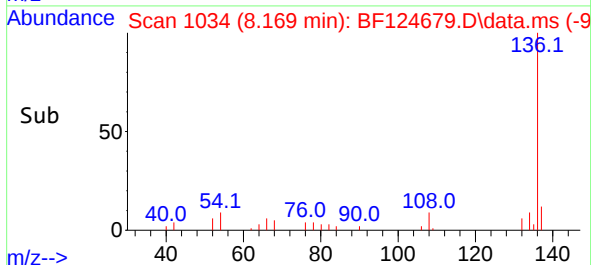
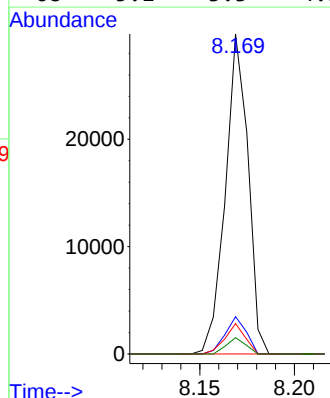
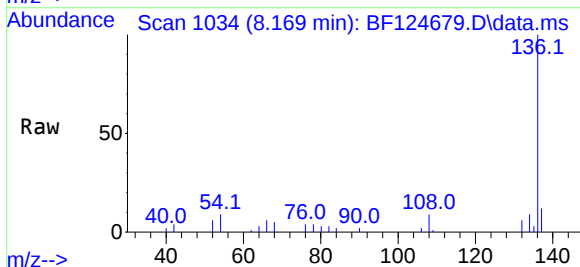
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 27.3  | 23.5  | 35.3  |
| 71  | 32.3  | 25.6  | 38.4  |



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1034  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

Tgt Ion: 136 Resp: 24800

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.6  | 9.8   | 14.6  |
| 54  | 9.5   | 6.4   | 9.6   |
| 68  | 5.1   | 3.3   | 4.9   |

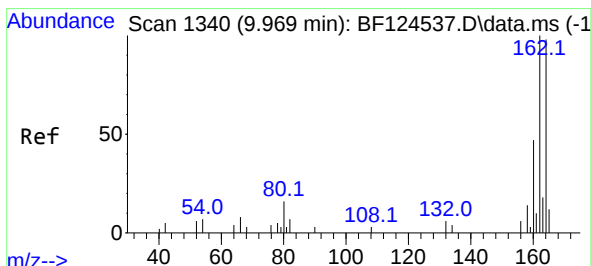
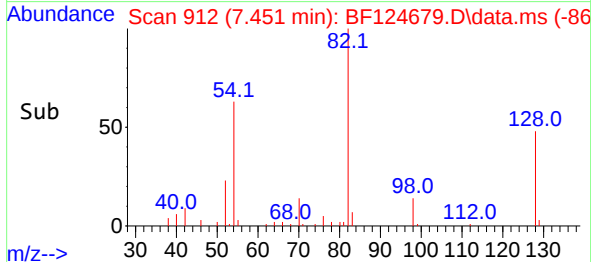
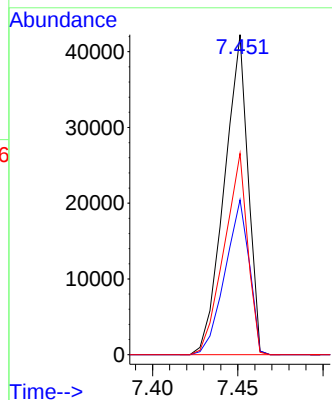
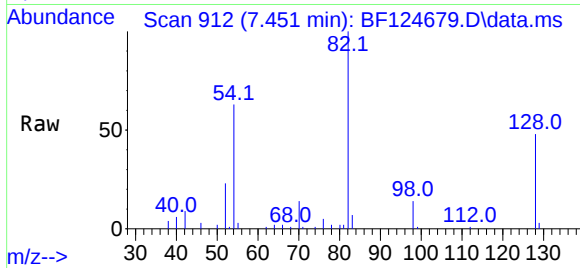




#23  
Nitrobenzene-d5  
Concen: 104.254 ng  
RT: 7.451 min Scan# 912  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

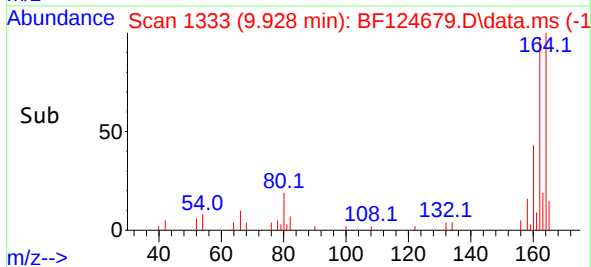
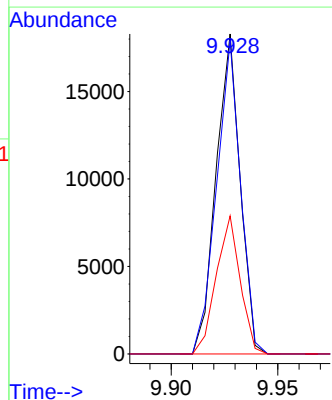
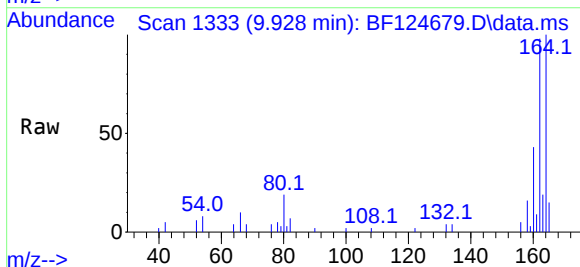
Instrument :  
BNA\_F  
ClientSampleId :  
PX-02D

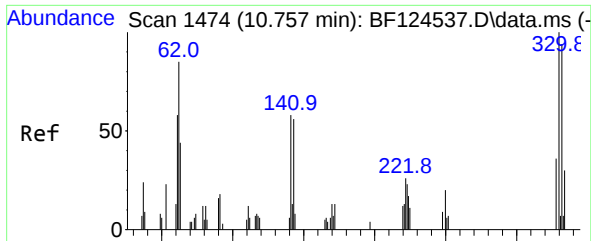
Tgt Ion: 82 Resp: 40957  
Ion Ratio Lower Upper  
82 100  
128 48.4 40.6 60.8  
54 62.9 49.6 74.4



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.928 min Scan# 1333  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

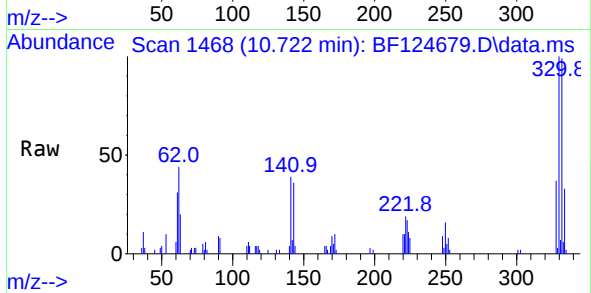
Tgt Ion: 164 Resp: 14330  
Ion Ratio Lower Upper  
164 100  
162 98.1 81.3 121.9  
160 43.2 38.0 57.0



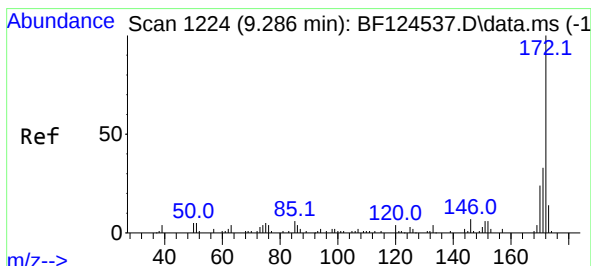
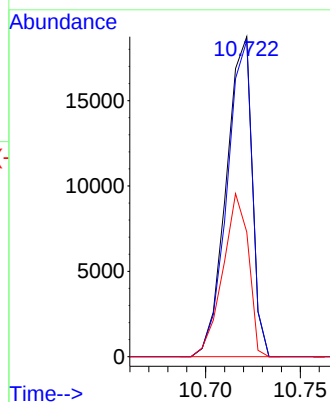
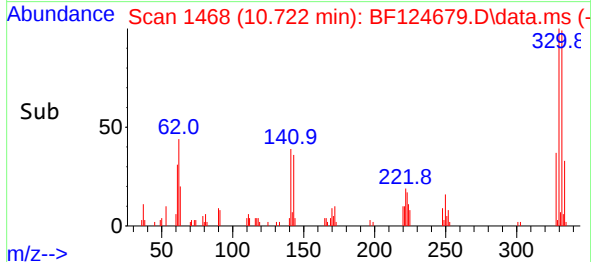


#42  
2,4,6-Tribromophenol  
Concen: 159.523 ng  
RT: 10.722 min Scan# 1468  
Delta R.T. 0.000 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

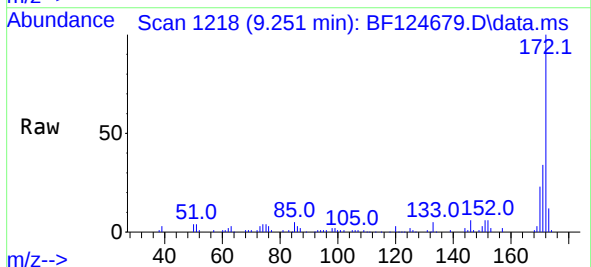
Instrument :  
BNA\_F  
ClientSampleId :  
PX-02D



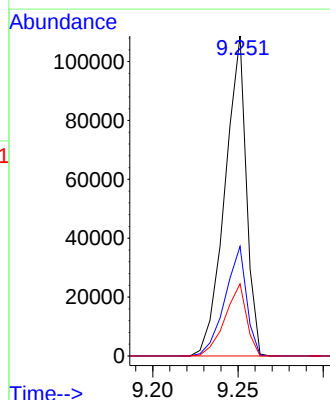
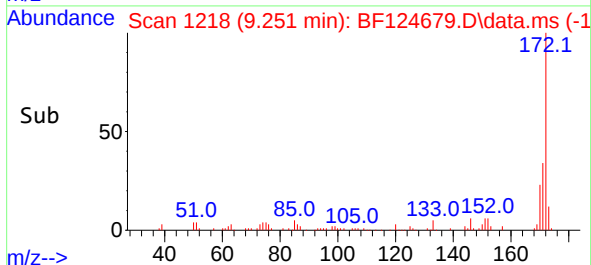
Tgt Ion:330 Resp: 17789  
Ion Ratio Lower Upper  
330 100  
332 95.9 76.2 114.4  
141 50.5 44.6 66.8

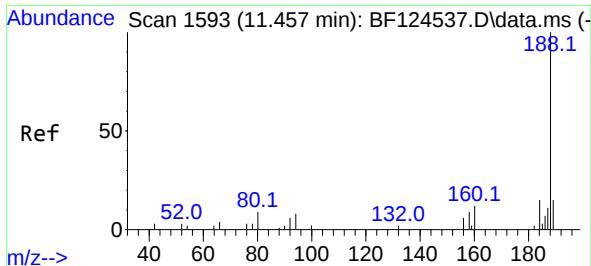


#45  
2-Fluorobiphenyl  
Concen: 96.337 ng  
RT: 9.251 min Scan# 1218  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15



Tgt Ion:172 Resp: 94670  
Ion Ratio Lower Upper  
172 100  
171 34.2 26.5 39.7  
170 22.6 18.8 28.2

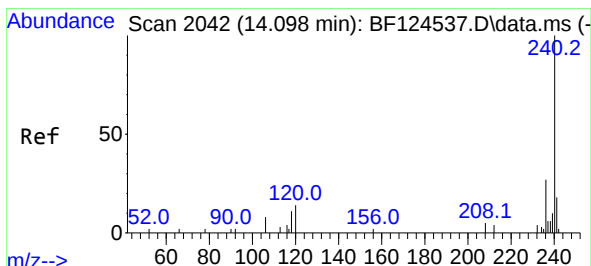
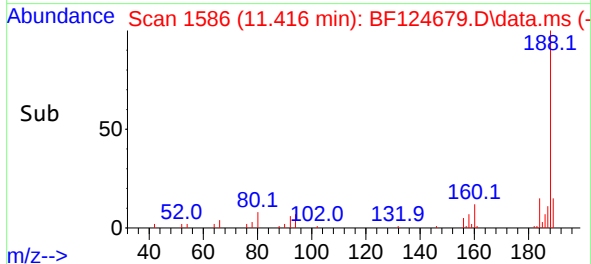
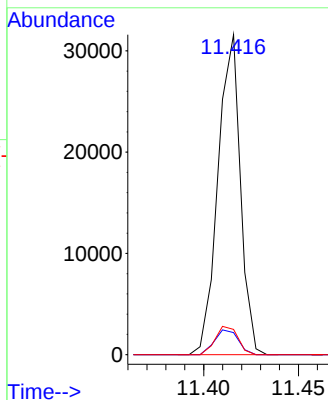
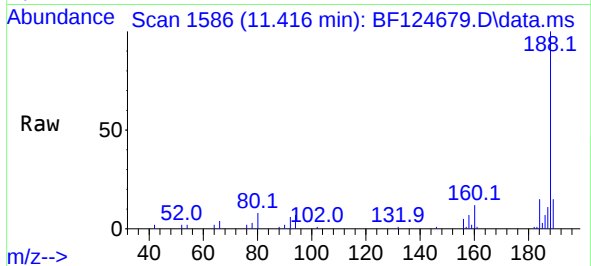




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1586  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

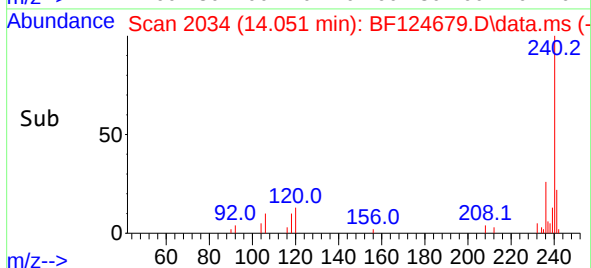
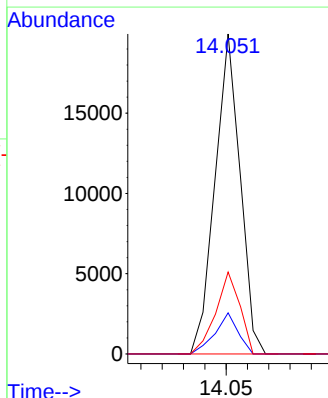
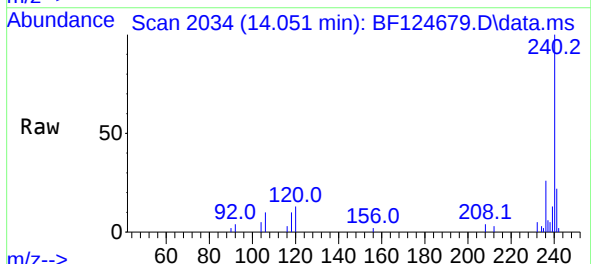
Instrument :  
BNA\_F  
ClientSampleId :  
PX-02D

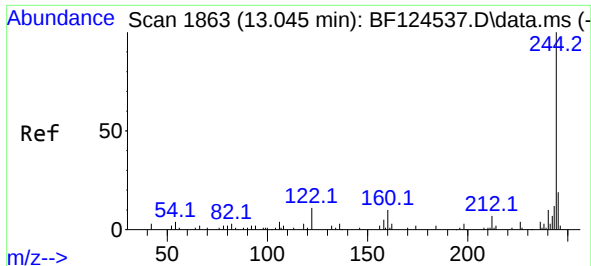
Tgt Ion:188 Resp: 26032  
Ion Ratio Lower Upper  
188 100  
94 6.9 6.7 10.1  
80 7.9 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.012 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

Tgt Ion:240 Resp: 16292  
Ion Ratio Lower Upper  
240 100  
120 12.9 10.8 16.2  
236 25.6 21.6 32.4

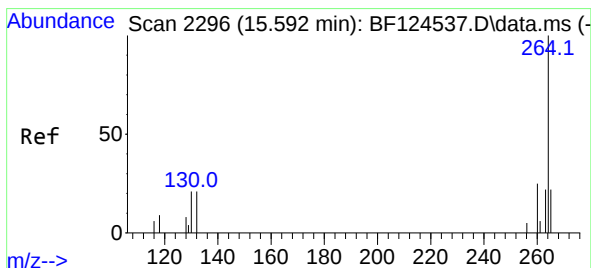
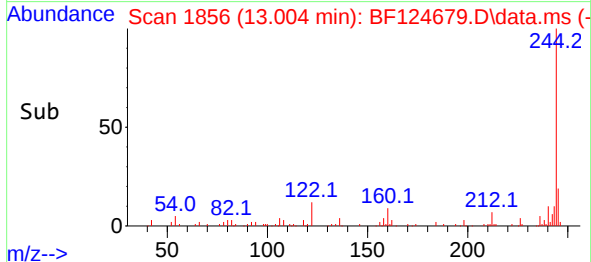
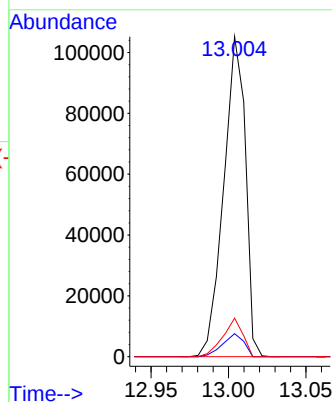
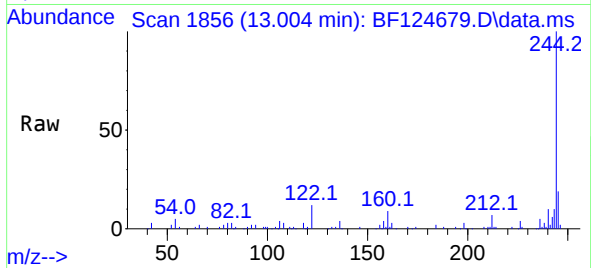




#79  
Terphenyl-d14  
Concen: 105.763 ng  
RT: 13.004 min Scan# 1856  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

Instrument :  
BNA\_F  
ClientSampleId :  
PX-02D

Tgt Ion:244 Resp: 102613  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.9 8.9  
122 12.1 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.533 min Scan# 2286  
Delta R.T. -0.006 min  
Lab File: BF124679.D  
Acq: 22 Jul 2021 2:15

Tgt Ion:264 Resp: 14244  
Ion Ratio Lower Upper  
264 100  
260 22.6 19.6 29.4  
265 20.0 17.2 25.8

