

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041621\  
 Data File : BF123595.D  
 Acq On : 16 Apr 2021 16:48  
 Operator : JU/CG  
 Sample : PB135774BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB135774BL

Quant Time: Apr 16 17:35:18 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF041521.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 16 10:31:33 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.869  | 152  | 247044   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 8.151  | 136  | 949824   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 9.910  | 164  | 468164   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 11.404 | 188  | 904239   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12            | 14.051 | 240  | 673817   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12            | 15.539 | 264  | 524182   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.492  | 112  | 1972216  | 129.03 | ng    | 0.01     |
| 7) Phenol-d6                | 6.498  | 99   | 2481118  | 117.14 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.433  | 82   | 1808396  | 87.53  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.704 | 330  | 751041   | 141.67 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.233  | 172  | 2809718  | 89.47  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.998 | 244  | 3103307  | 89.51  | ng    | 0.00     |

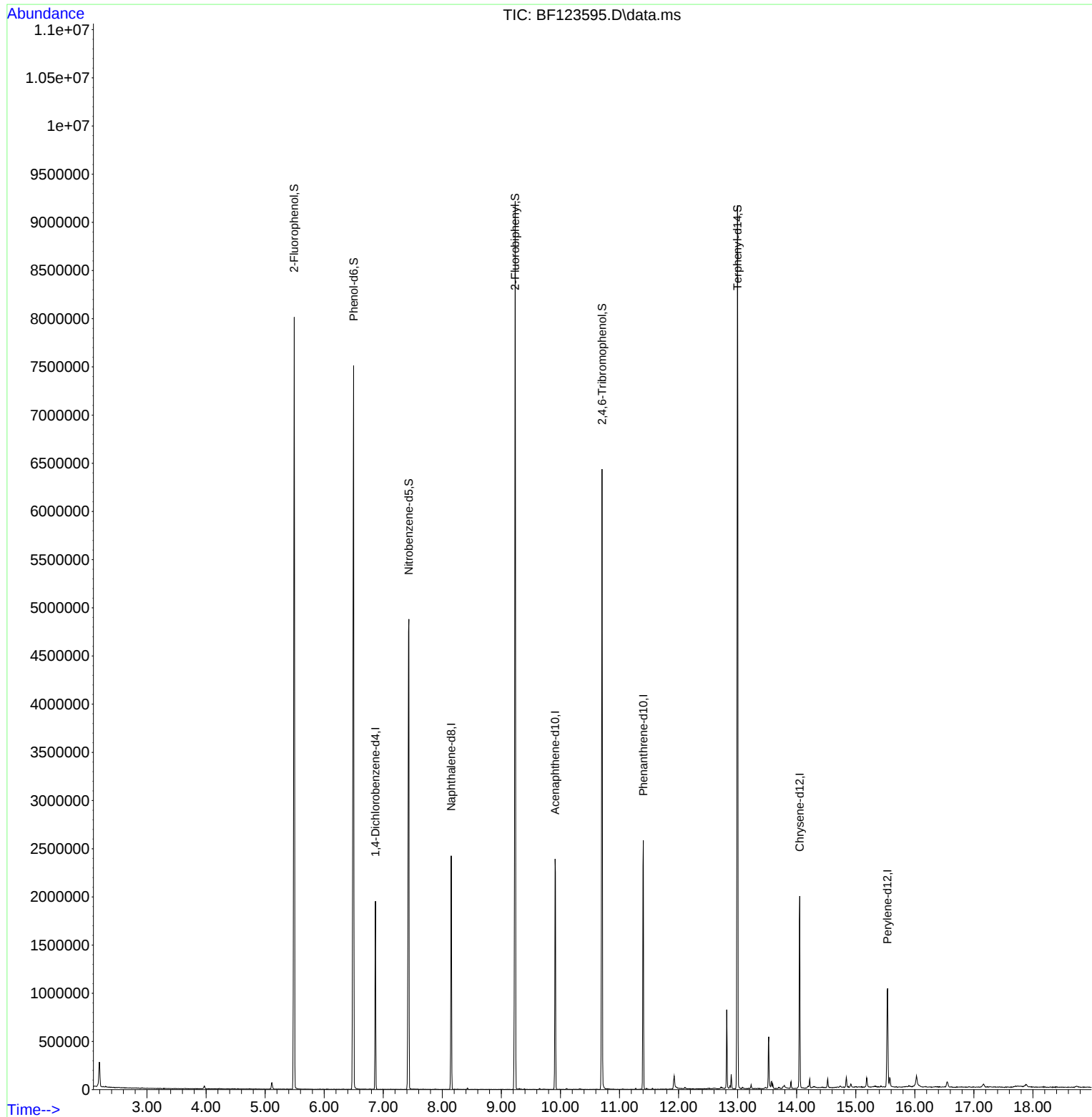
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

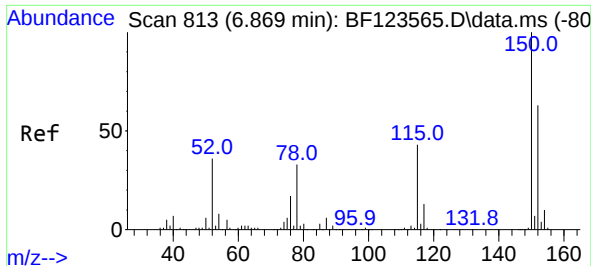
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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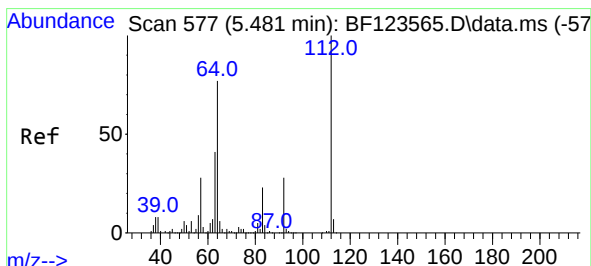
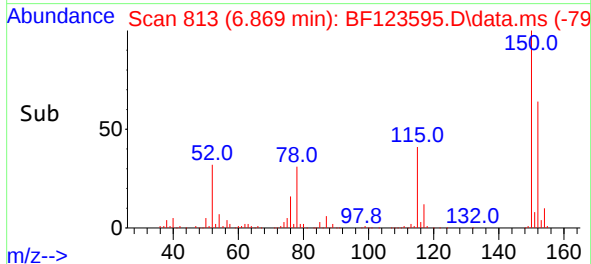
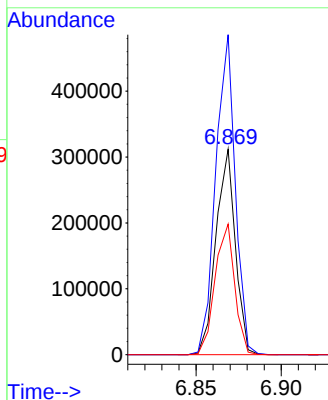
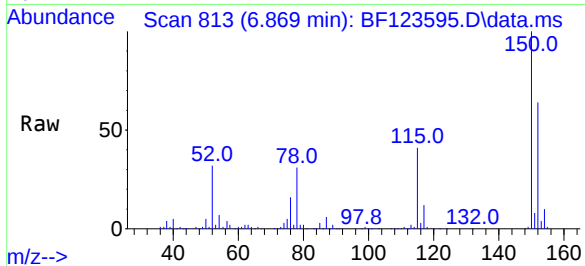




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.869 min Scan# 813  
Delta R.T. -0.000 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

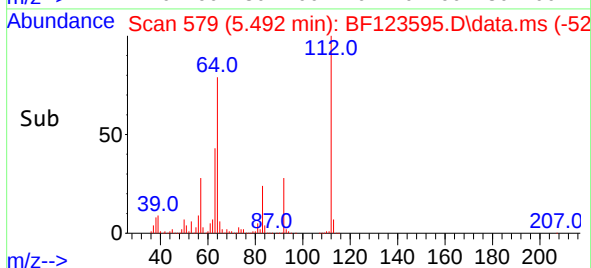
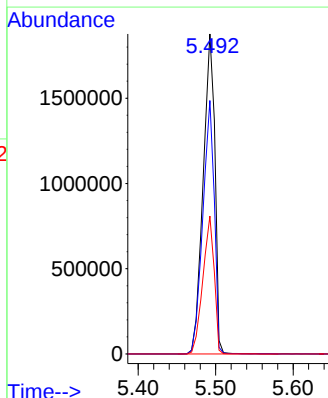
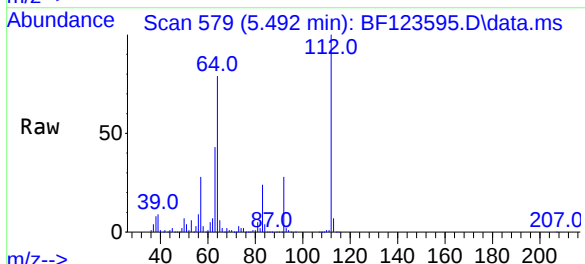
Instrument :  
BNA\_F  
ClientSampleId :  
PB135774BL

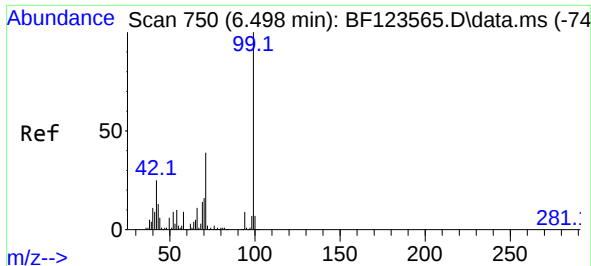
Tgt Ion:152 Resp: 247044  
Ion Ratio Lower Upper  
152 100  
150 155.8 127.0 190.6  
115 63.5 54.3 81.5



#5  
2-Fluorophenol  
Concen: 129.03 ng  
RT: 5.492 min Scan# 579  
Delta R.T. 0.012 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

Tgt Ion:112 Resp: 1972216  
Ion Ratio Lower Upper  
112 100  
64 79.2 61.4 92.0  
63 43.1 33.0 49.4

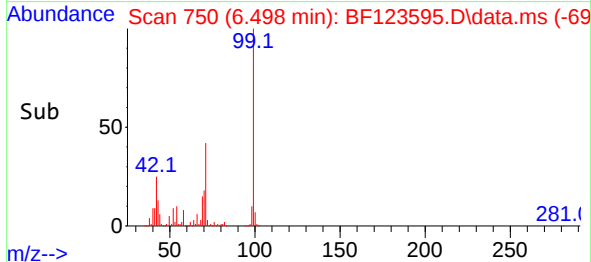
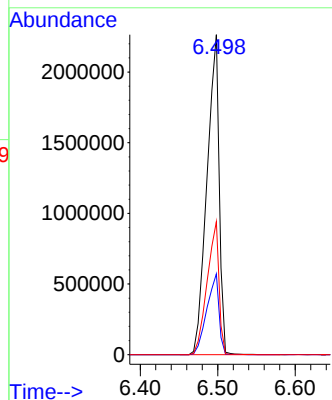
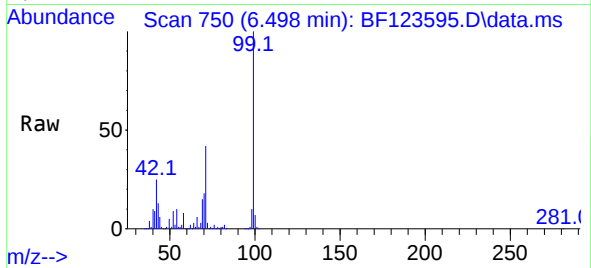




#7  
Phenol-d6  
Concen: 117.14 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

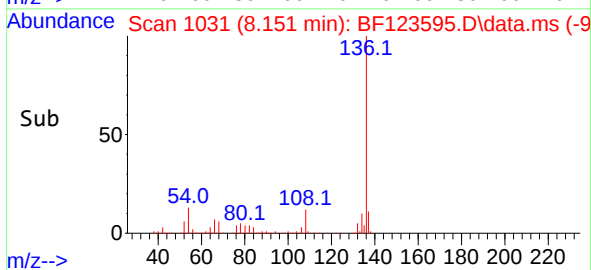
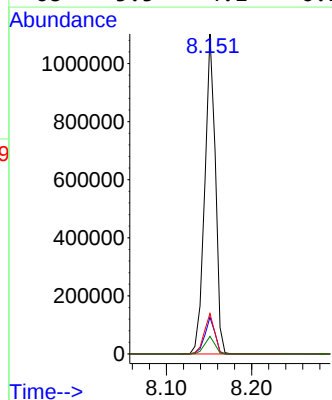
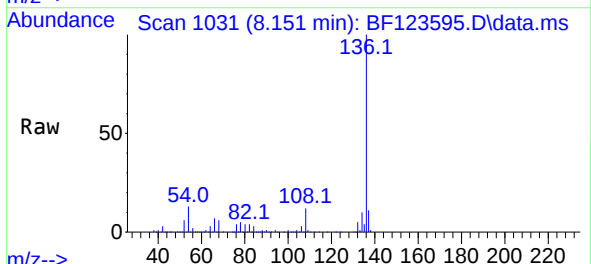
Instrument :  
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ClientSampleId :  
PB135774BL

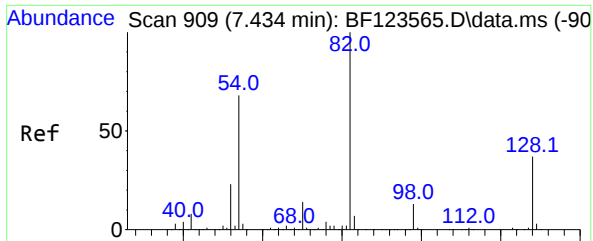
Tgt Ion: 99 Resp: 2481118  
Ion Ratio Lower Upper  
99 100  
42 25.3 19.8 29.8  
71 41.5 31.1 46.7



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.151 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

Tgt Ion: 136 Resp: 949824  
Ion Ratio Lower Upper  
136 100  
137 11.5 8.7 13.1  
54 12.6 9.8 14.6  
68 5.5 4.1 6.1

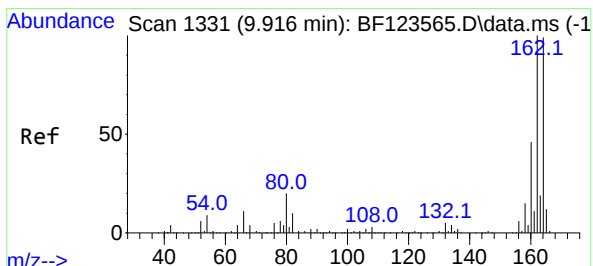
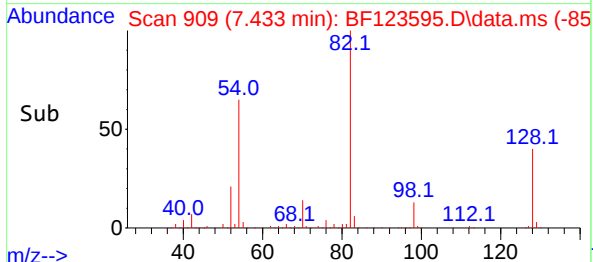
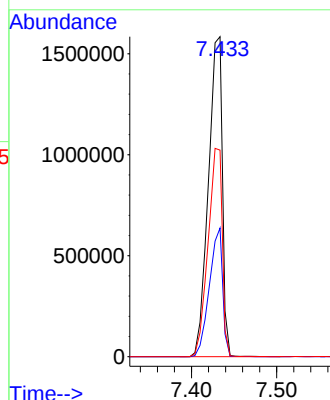
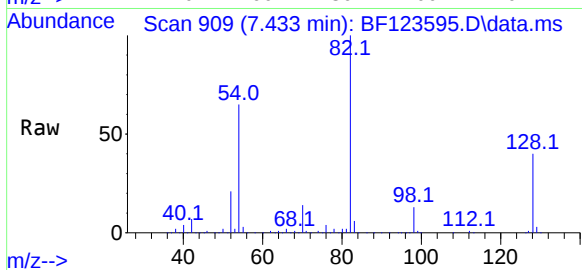




#23  
Nitrobenzene-d5  
Concen: 87.53 ng  
RT: 7.433 min Scan# 909  
Delta R.T. -0.000 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

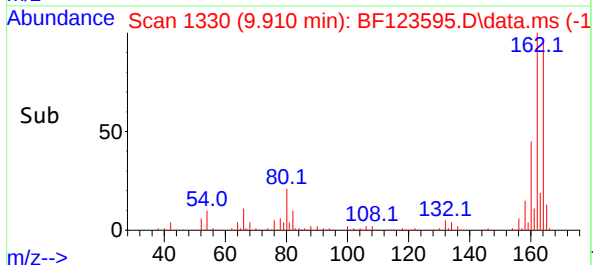
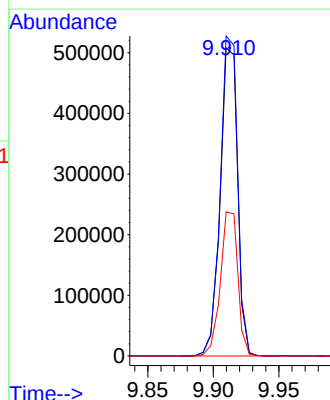
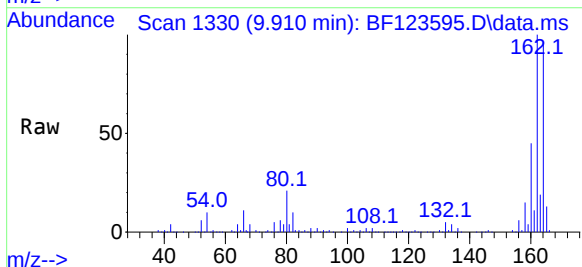
Instrument :  
BNA\_F  
ClientSampleId :  
PB135774BL

Tgt Ion: 82 Resp: 1808396  
Ion Ratio Lower Upper  
82 100  
128 40.2 29.4 44.2  
54 64.5 54.1 81.1



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.910 min Scan# 1330  
Delta R.T. -0.006 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

Tgt Ion:164 Resp: 468164  
Ion Ratio Lower Upper  
164 100  
162 103.9 80.7 121.1  
160 46.7 37.3 55.9

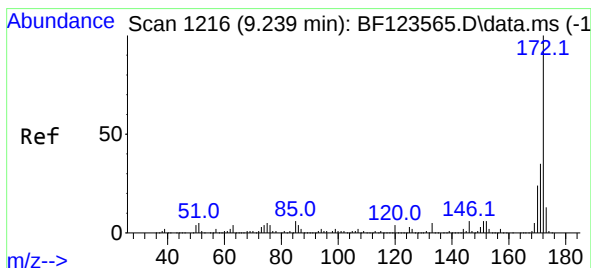
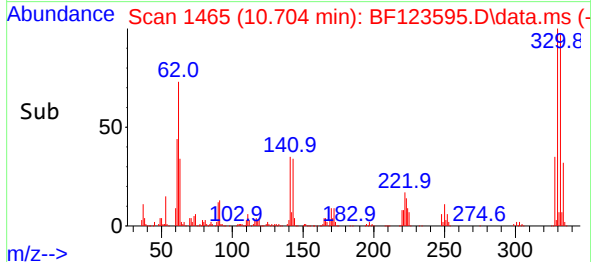
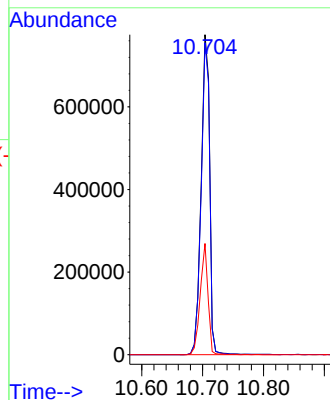
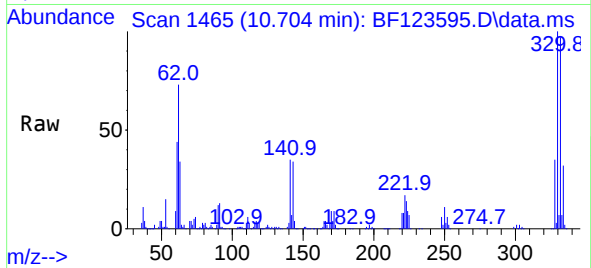




#42  
2,4,6-Tribromophenol  
Concen: 141.67 ng  
RT: 10.704 min Scan# 1465  
Delta R.T. -0.006 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

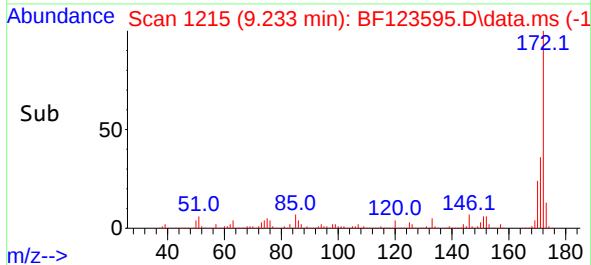
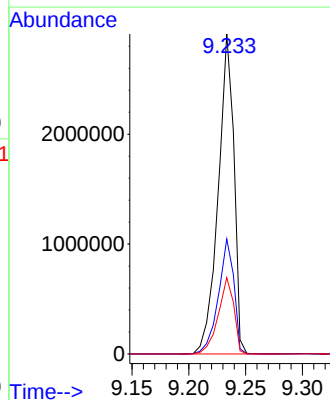
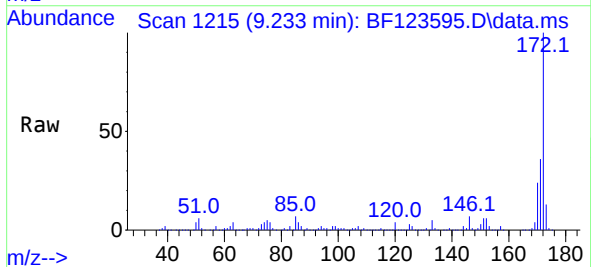
Instrument :  
BNA\_F  
ClientSampleId :  
PB135774BL

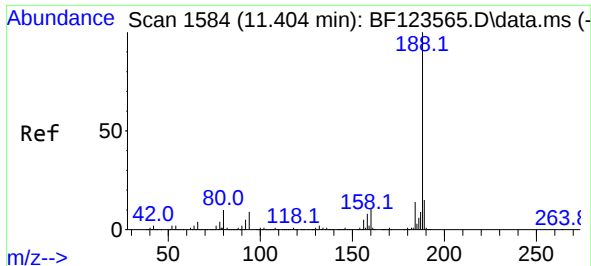
Tgt Ion:330 Resp: 751041  
Ion Ratio Lower Upper  
330 100  
332 97.2 77.1 115.7  
141 32.0 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 89.47 ng  
RT: 9.233 min Scan# 1215  
Delta R.T. -0.006 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

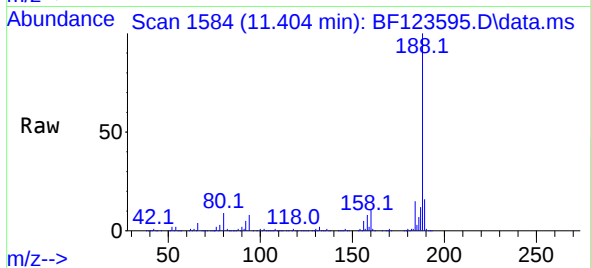
Tgt Ion:172 Resp: 2809718  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.1 42.1  
170 23.9 19.2 28.8



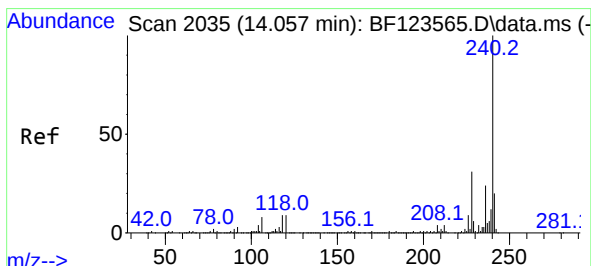
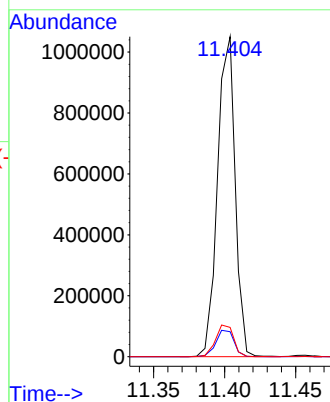
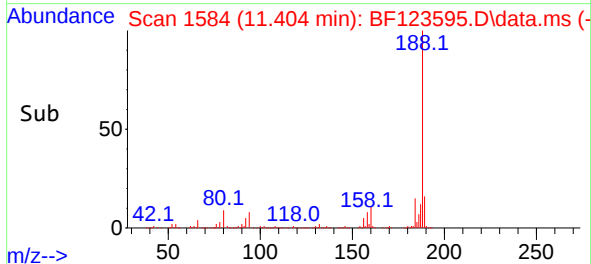


#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.404 min Scan# 1584  
Delta R.T. -0.000 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48

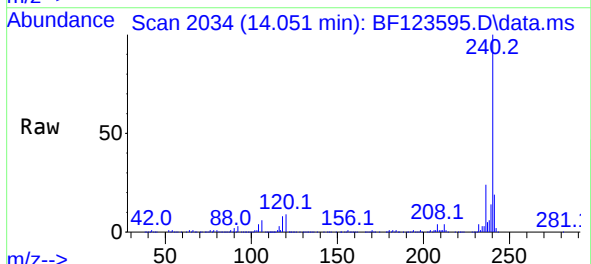
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ClientSampleId :  
PB135774BL



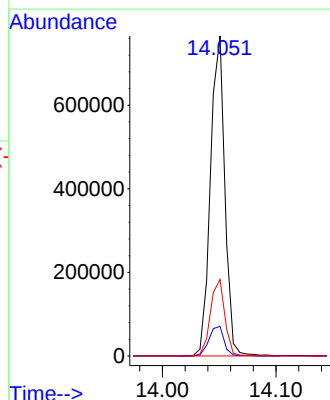
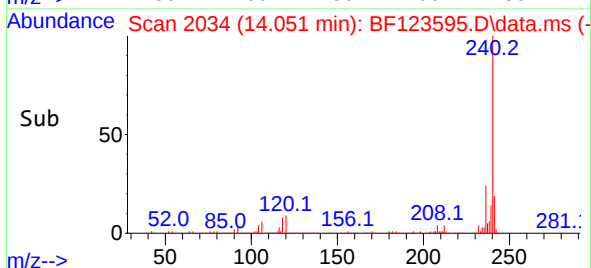
Tgt Ion:188 Resp: 904239  
Ion Ratio Lower Upper  
188 100  
94 7.8 6.9 10.3  
80 9.2 8.2 12.2

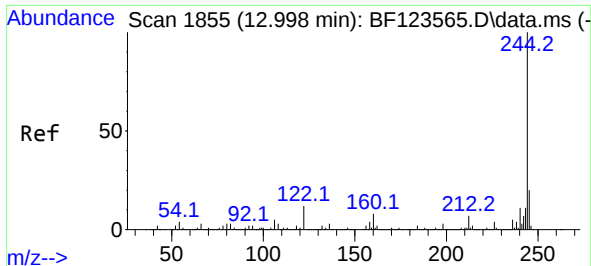


#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.051 min Scan# 2034  
Delta R.T. -0.006 min  
Lab File: BF123595.D  
Acq: 16 Apr 2021 16:48



Tgt Ion:240 Resp: 673817  
Ion Ratio Lower Upper  
240 100  
120 9.3 7.2 10.8  
236 23.9 19.0 28.4



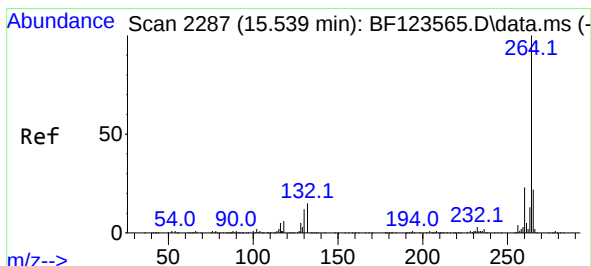
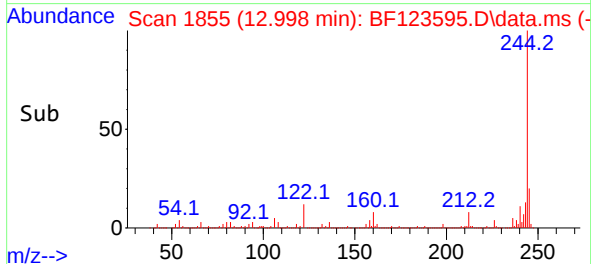
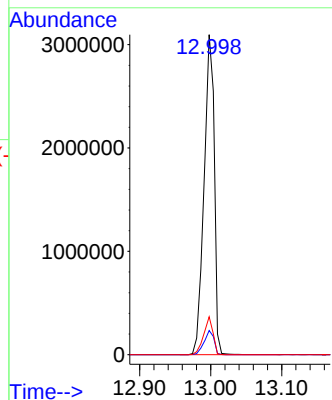
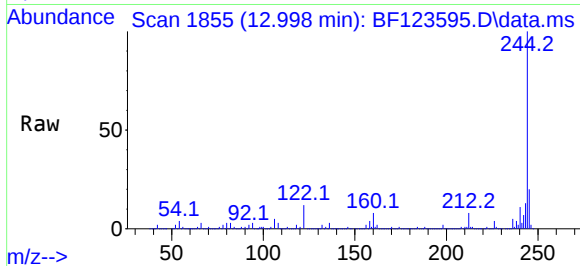


#79  
 Terphenyl-d14  
 Concen: 89.51 ng  
 RT: 12.998 min Scan# 1855  
 Delta R.T. -0.000 min  
 Lab File: BF123595.D  
 Acq: 16 Apr 2021 16:48

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB135774BL

Tgt Ion:244 Resp: 3103307  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 7.6   | 5.7   | 8.5   |
| 122 | 11.8  | 9.7   | 14.5  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.539 min Scan# 2287  
 Delta R.T. -0.000 min  
 Lab File: BF123595.D  
 Acq: 16 Apr 2021 16:48

Tgt Ion:264 Resp: 524182  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.7  | 28.1  |
| 265 | 20.8  | 17.8  | 26.8  |

