

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092220\  
 Data File : BN011851.D  
 Acq On : 22 Sep 2020 14:17  
 Operator : CG/JU  
 Sample : PB131721BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB131721BL

Quant Time: Sep 22 14:59:06 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091720.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Sep 22 14:36:55 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.699  | 152  | 3845     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.478 | 136  | 15497    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.331 | 164  | 7845     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.078 | 188  | 16356    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.269 | 240  | 14141    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12            | 23.494 | 264  | 13966    | 0.40 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.307  | 112  | 5525     | 0.49 | ng    | 0.00     |
| 5) Phenol-d6                | 6.869  | 99   | 6444     | 0.46 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.843  | 82   | 4990     | 0.32 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.069 | 152  | 7861     | 0.29 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.829 | 330  | 1454     | 0.36 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.949 | 172  | 10645    | 0.31 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.112 | 212  | 15943    | 0.31 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.713 | 244  | 15568    | 0.48 | ng    | 0.00     |

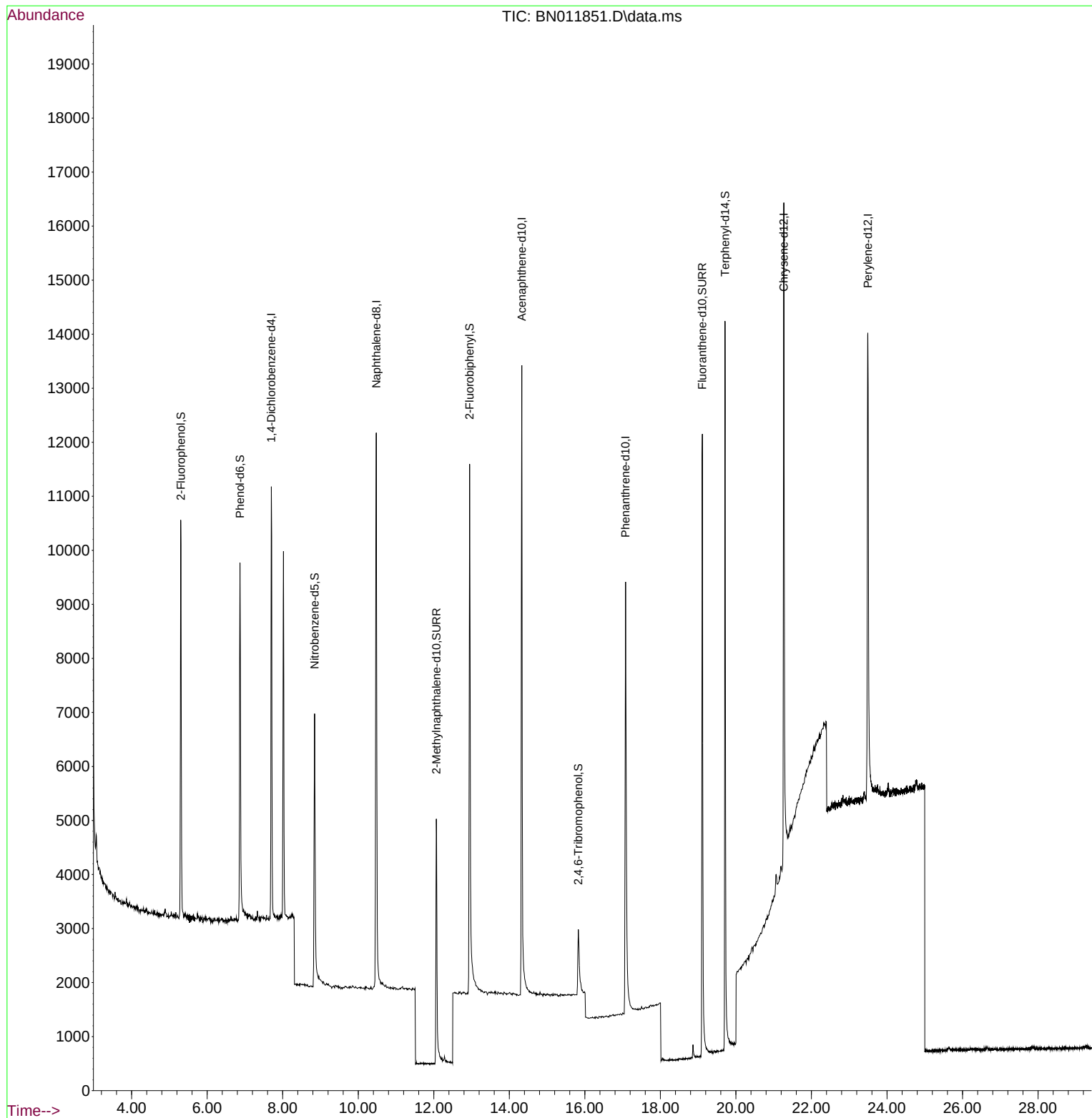
Target Compounds Qvalue

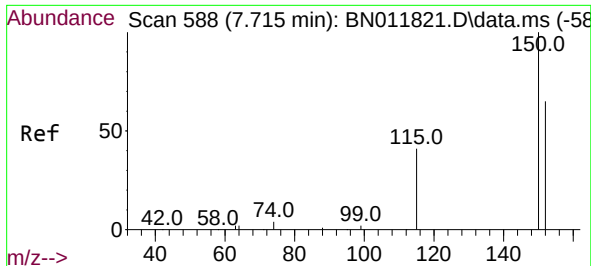
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN092220\  
Data File : BN011851.D  
Acq On : 22 Sep 2020 14:17  
Operator : CG/JU  
Sample : PB131721BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

Quant Time: Sep 22 14:59:06 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091720.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Sep 22 14:36:55 2020  
Response via : Initial Calibration

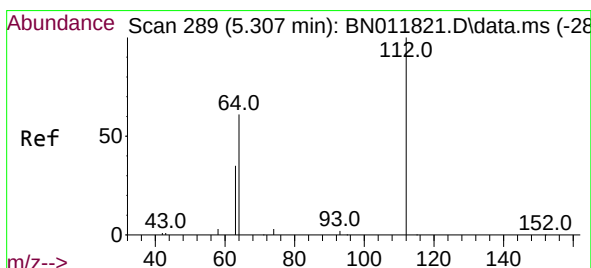
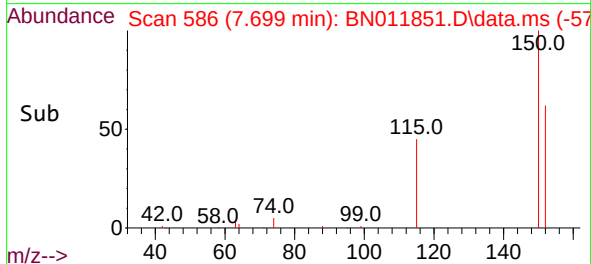
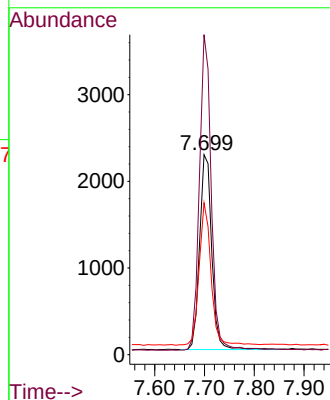
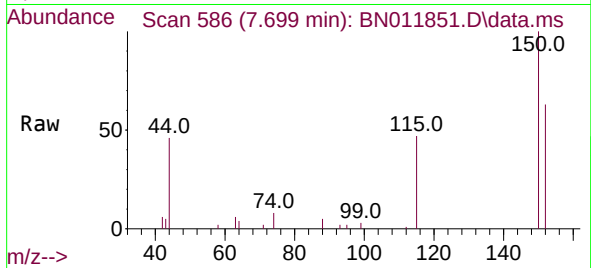




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.699 min Scan# 586  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

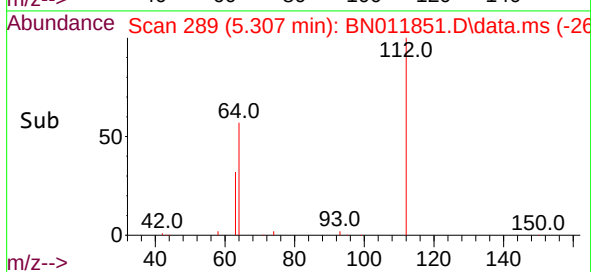
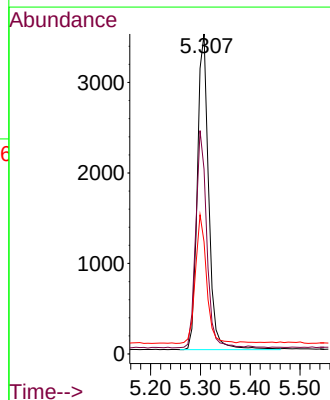
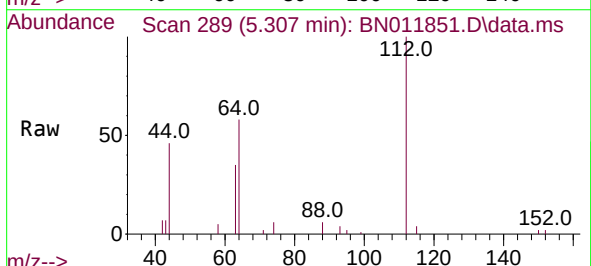
Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

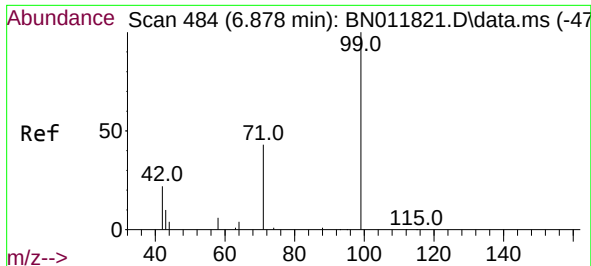
Tgt Ion:152 Resp: 3845  
Ion Ratio Lower Upper  
152 100  
150 160.0 118.3 177.5  
115 75.9 51.3 76.9



#4  
2-Fluorophenol  
Concen: 0.49 ng  
RT: 5.307 min Scan# 289  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

Tgt Ion:112 Resp: 5525  
Ion Ratio Lower Upper  
112 100  
64 67.0 49.0 73.6  
63 39.7 31.8 47.6

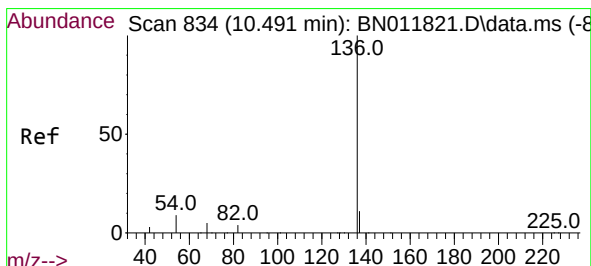
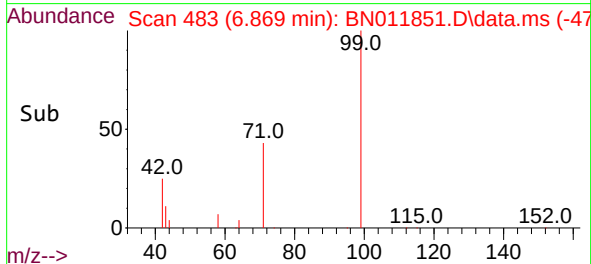
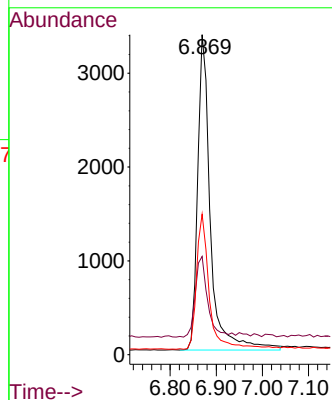
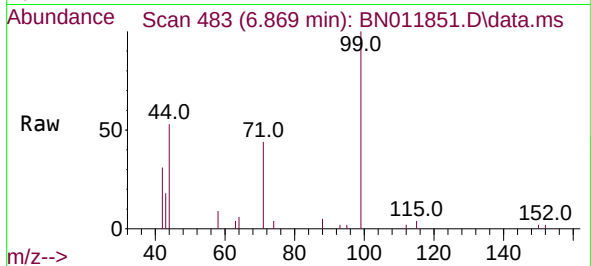




#5  
Phenol-d6  
Concen: 0.46 ng  
RT: 6.869 min Scan# 483  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

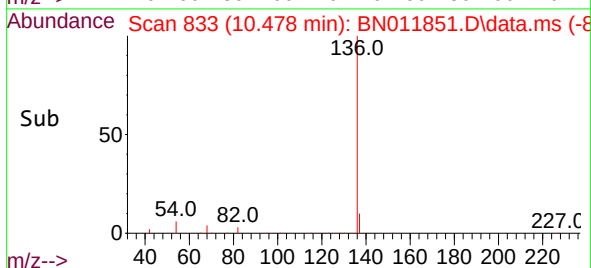
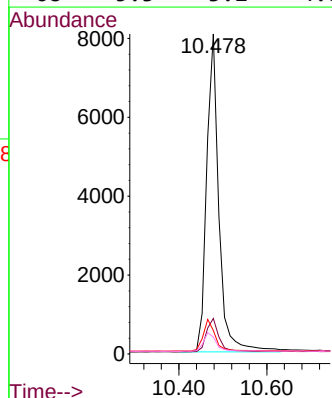
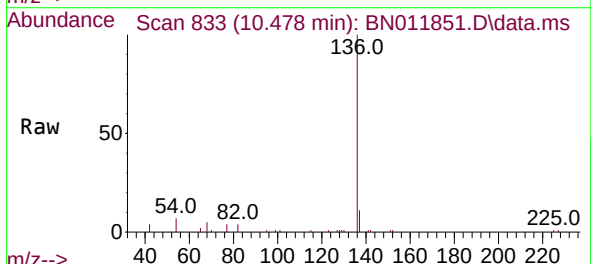
Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

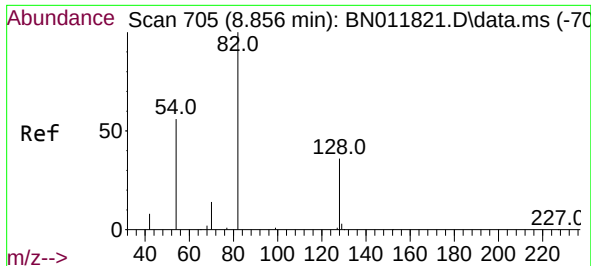
Tgt Ion: 99 Resp: 6444  
Ion Ratio Lower Upper  
99 100  
42 24.6 23.4 35.0  
71 43.2 38.1 57.1



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.478 min Scan# 833  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

Tgt Ion: 136 Resp: 15497  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.5 14.3  
54 7.3 5.6 8.4  
68 5.3 3.2 4.8#

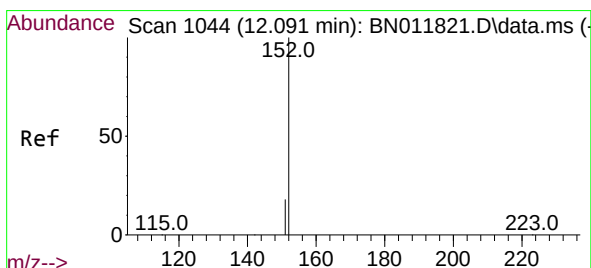
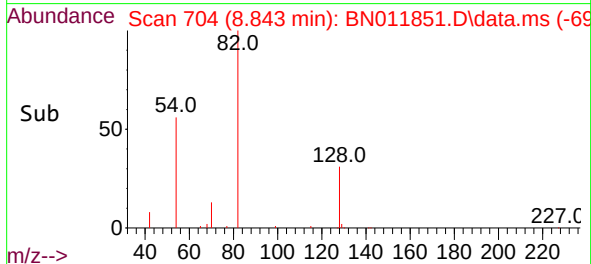
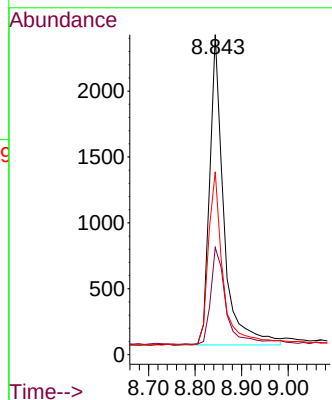
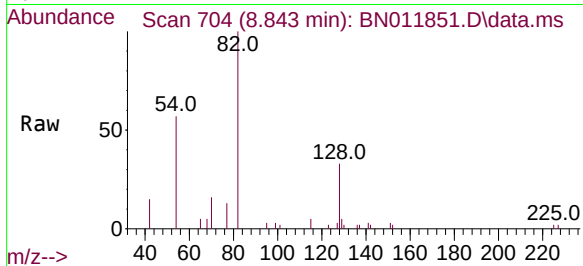




#8  
Nitrobenzene-d5  
Concen: 0.32 ng  
RT: 8.843 min Scan# 704  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

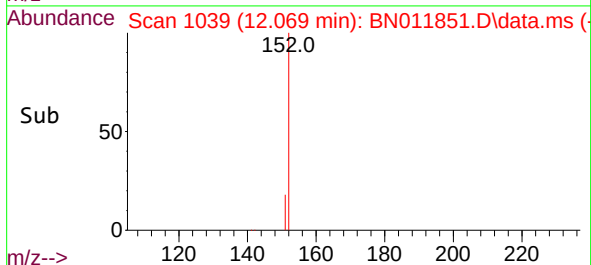
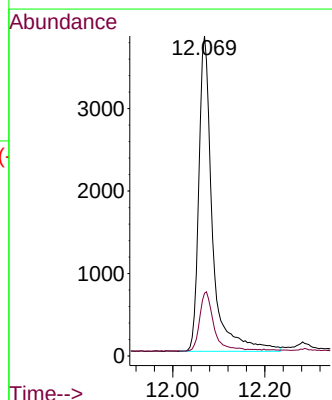
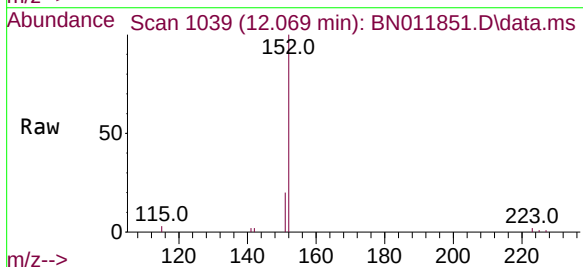
Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

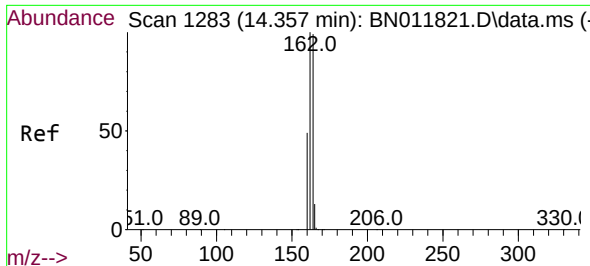
Tgt Ion: 82 Resp: 4990  
Ion Ratio Lower Upper  
82 100  
128 33.5 34.2 51.2#  
54 57.2 43.1 64.7



#11  
2-Methylnaphthalene-d10  
Concen: 0.29 ng  
RT: 12.069 min Scan# 1039  
Delta R.T. 0.004 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

Tgt Ion:152 Resp: 7861  
Ion Ratio Lower Upper  
152 100  
151 19.7 16.7 25.1

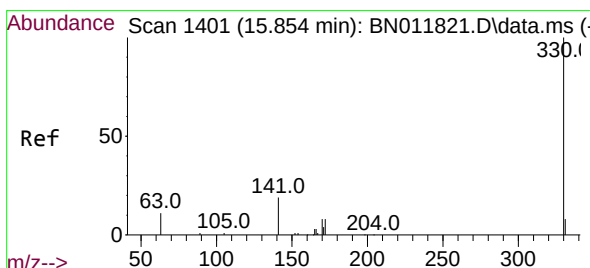
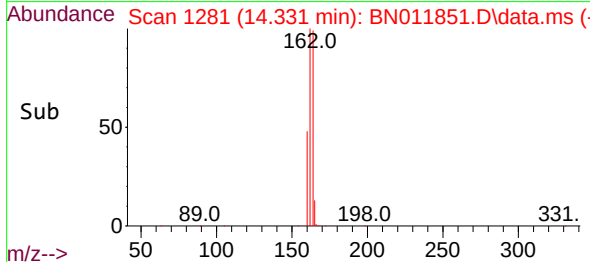
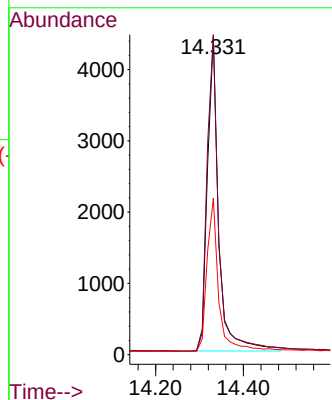
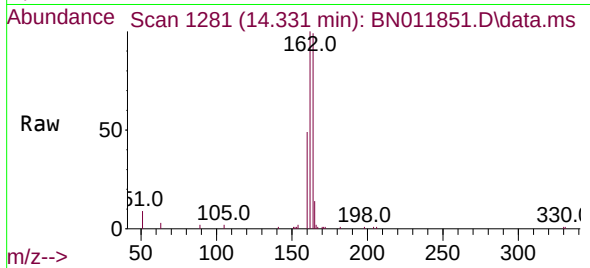




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.331 min Scan# 1281  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

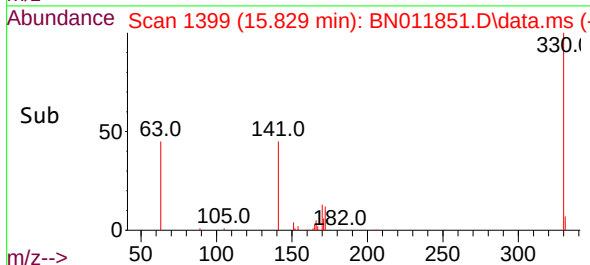
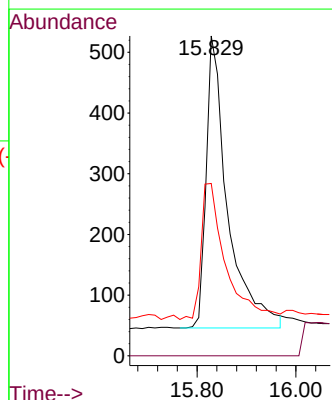
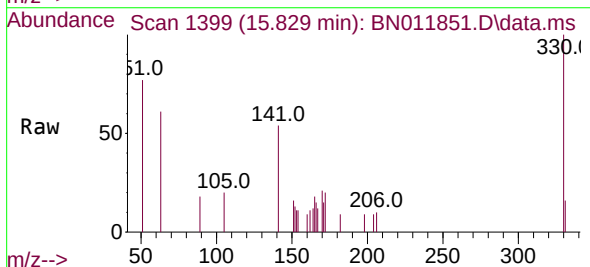
Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

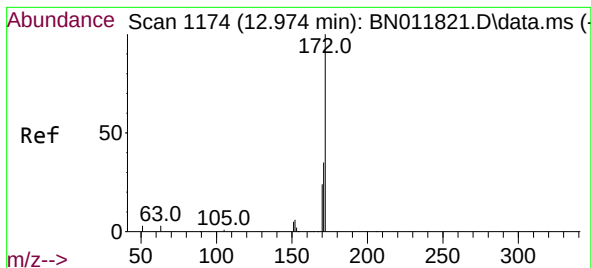
Tgt Ion:164 Resp: 7845  
Ion Ratio Lower Upper  
164 100  
162 100.7 83.6 125.4  
160 49.2 41.2 61.8



#14  
2,4,6-Tribromophenol  
Concen: 0.36 ng  
RT: 15.829 min Scan# 1399  
Delta R.T. 0.013 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

Tgt Ion:330 Resp: 1454  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 52.7 33.7 50.5#

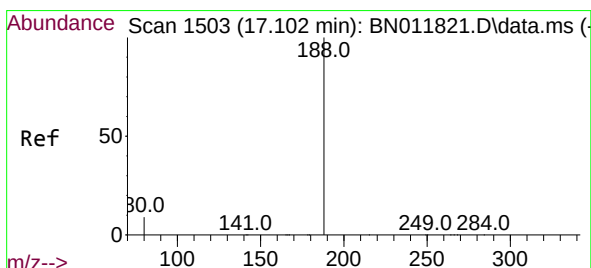
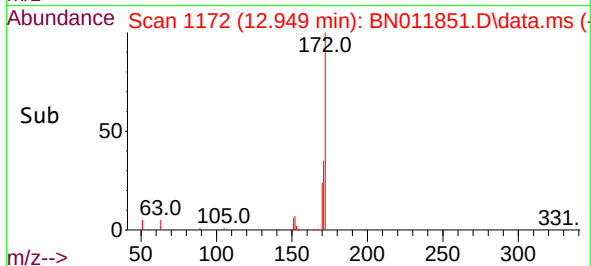
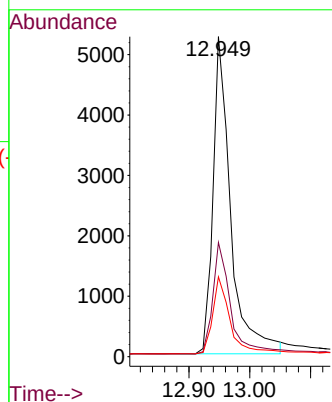
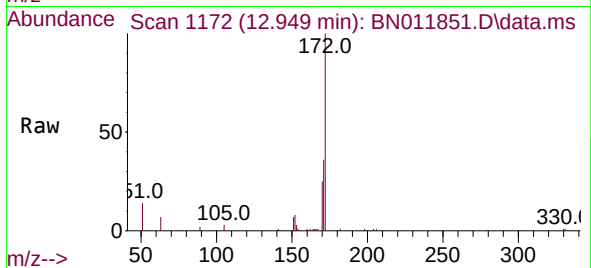




#15  
2-Fluorobiphenyl  
Concen: 0.31 ng  
RT: 12.949 min Scan# 1172  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

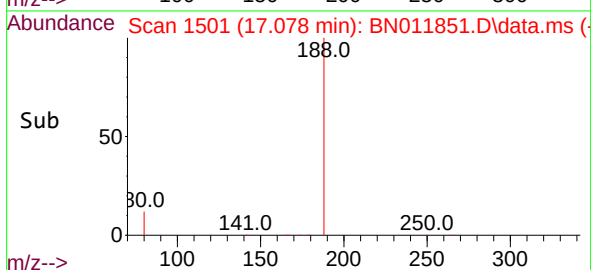
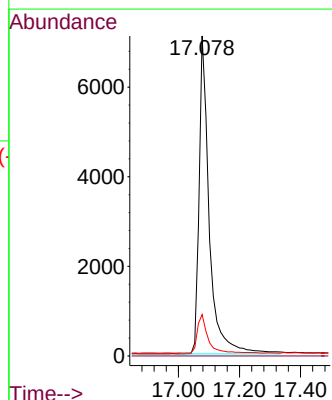
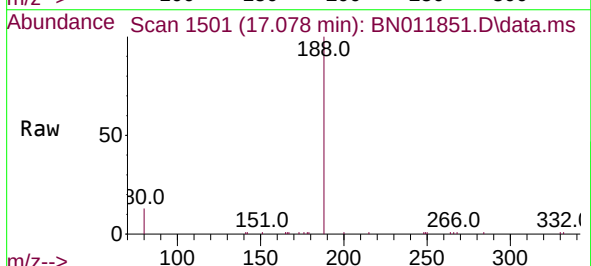
Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

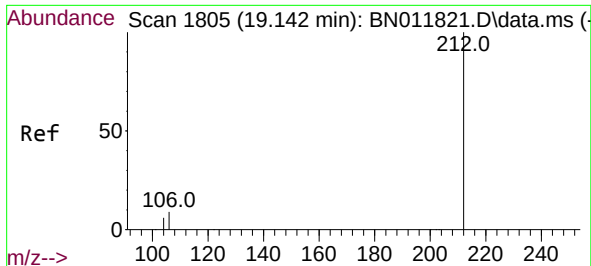
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 10645 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 35.7  | 27.4  | 41.2  |
| 170       | 24.9  | 17.8  | 26.6  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.078 min Scan# 1501  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 16356 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 12.9  | 7.7   | 11.5# |

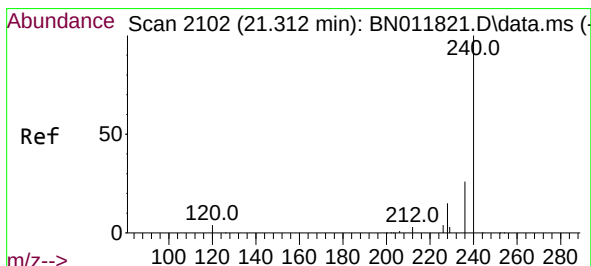
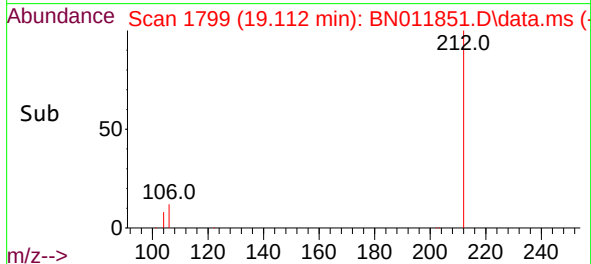
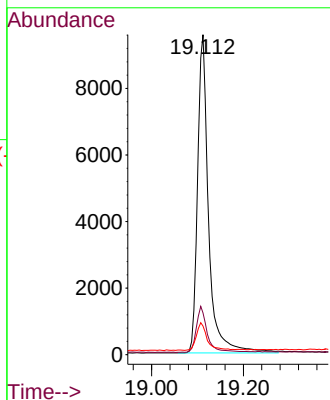
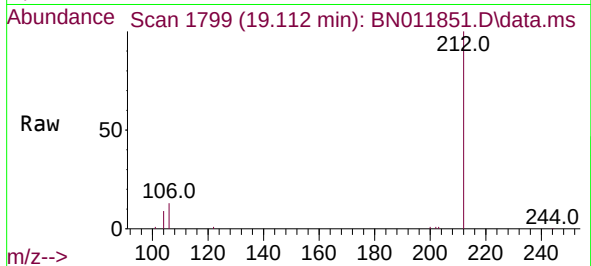




#27  
Fluoranthene-d10  
Concen: 0.31 ng  
RT: 19.112 min Scan# 1799  
Delta R.T. 0.005 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

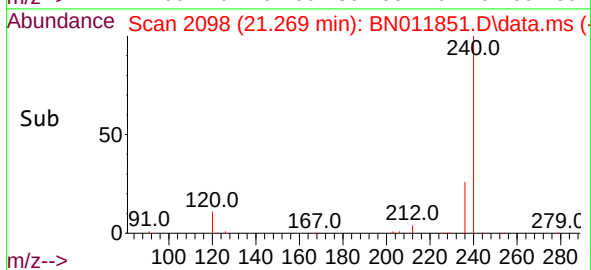
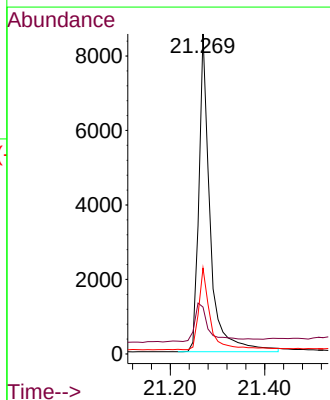
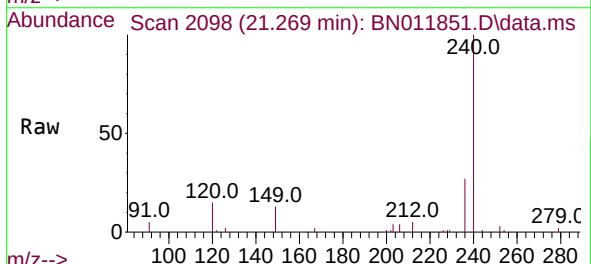
Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

Tgt Ion:212 Resp: 15943  
Ion Ratio Lower Upper  
212 100  
106 14.4 6.4 9.6#  
104 8.5 3.9 5.9#

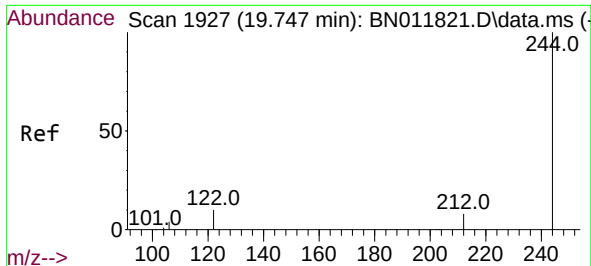


#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.269 min Scan# 2098  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

Tgt Ion:240 Resp: 14141  
Ion Ratio Lower Upper  
240 100  
120 14.6 3.5 5.3#  
236 26.9 20.5 30.7



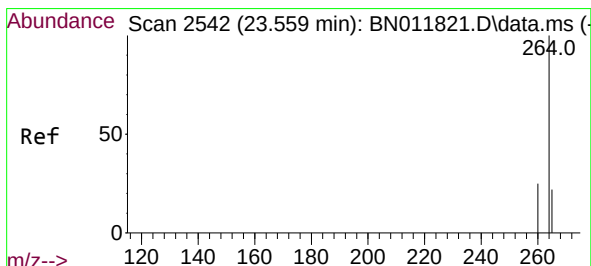
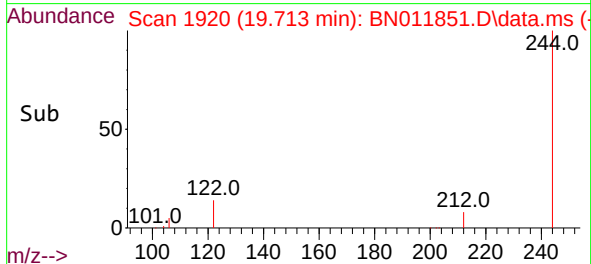
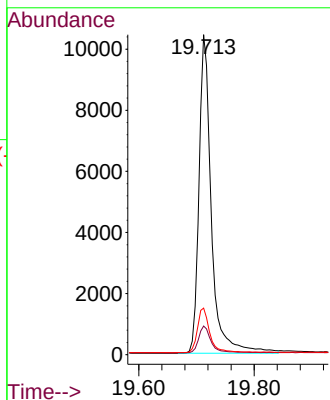
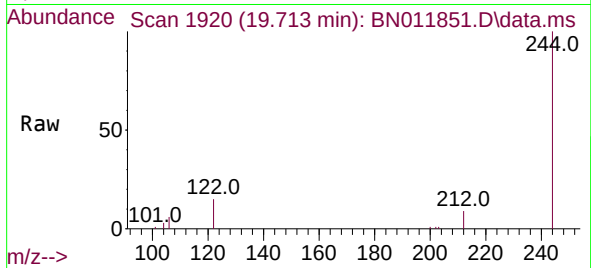




#31  
Terphenyl-d14  
Concen: 0.48 ng  
RT: 19.713 min Scan# 1920  
Delta R.T. -0.000 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

Instrument :  
BNA\_N  
ClientSampleId :  
PB131721BL

Tgt Ion:244 Resp: 15568  
Ion Ratio Lower Upper  
244 100  
212 8.9 7.3 10.9  
122 14.5 7.8 11.6#



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.494 min Scan# 2523  
Delta R.T. 0.003 min  
Lab File: BN011851.D  
Acq: 22 Sep 2020 14:17

Tgt Ion:264 Resp: 13966  
Ion Ratio Lower Upper  
264 100  
260 24.4 19.6 29.4  
265 73.1 38.6 58.0#

