

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102920\  
 Data File : BN012432.D  
 Acq On : 29 Oct 2020 11:30  
 Operator : CG/JU  
 Sample : PB132641BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132641BL

Quant Time: Oct 29 12:04:37 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102620.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 28 10:32:42 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.578  | 152  | 651      | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8           | 10.364 | 136  | 2274     | 0.40 | ng    | # 0.01   |
| 13) Acenaphthene-d10        | 14.230 | 164  | 1434     | 0.40 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 16.980 | 188  | 2986     | 0.40 | ng    | # 0.01   |
| 29) Chrysene-d12            | 21.184 | 240  | 3144     | 0.40 | ng    | # 0.01   |
| 36) Perylene-d12            | 23.357 | 264  | 3604     | 0.40 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.186  | 112  | 763      | 0.34 | ng    | 0.00     |
| 5) Phenol-d6                | 6.765  | 99   | 692      | 0.26 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.755  | 82   | 809      | 0.32 | ng    | 0.03     |
| 11) 2-Methylnaphthalene-d10 | 11.975 | 152  | 1095     | 0.30 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 15.740 | 330  | 306      | 0.30 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.860 | 172  | 1732     | 0.32 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.017 | 212  | 3164     | 0.34 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.623 | 244  | 3497     | 0.47 | ng    | 0.00     |

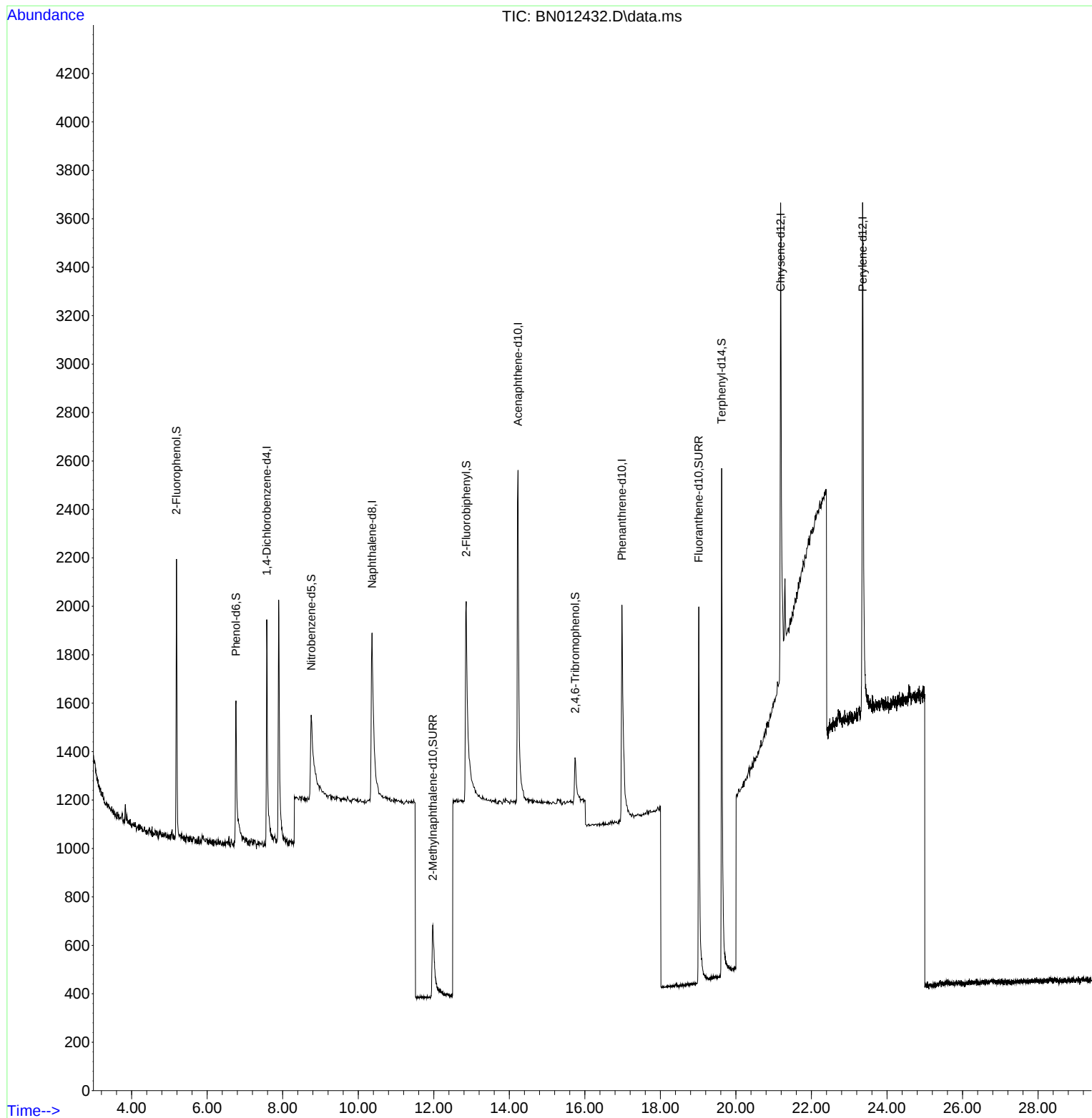
Target Compounds Qvalue

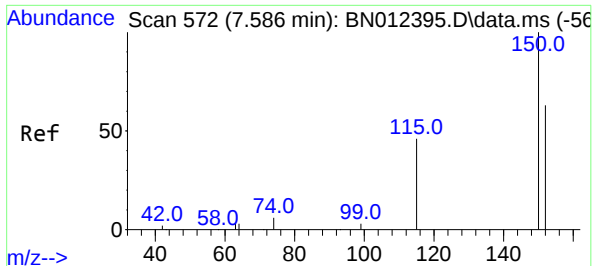
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN102920\  
Data File : BN012432.D  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

Quant Time: Oct 29 12:04:37 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN102620.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 28 10:32:42 2020  
Response via : Initial Calibration

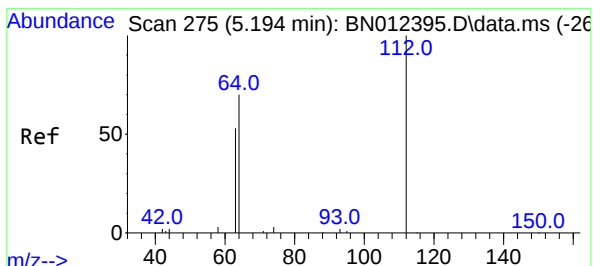
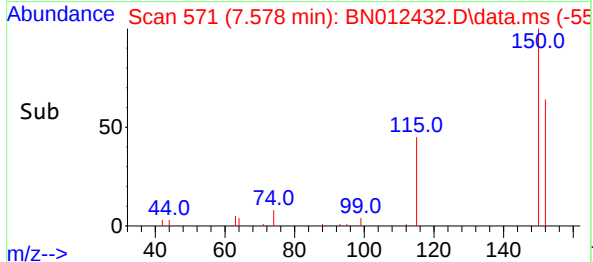
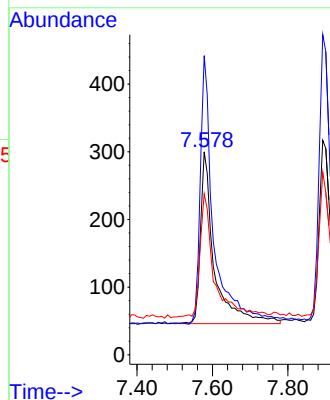
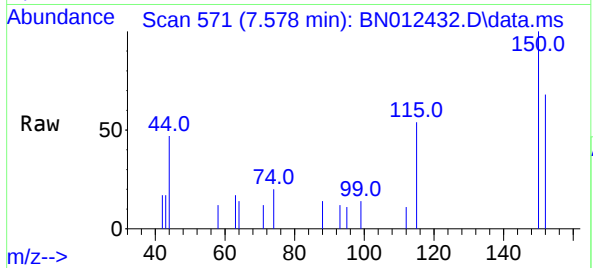




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.578 min Scan# 571  
Delta R.T. 0.000 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

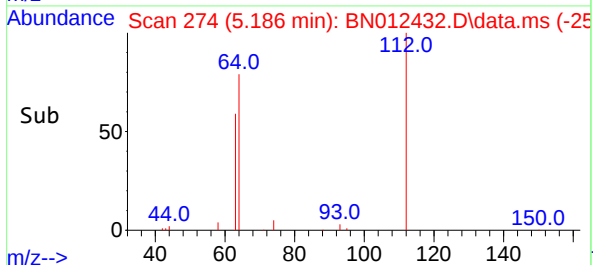
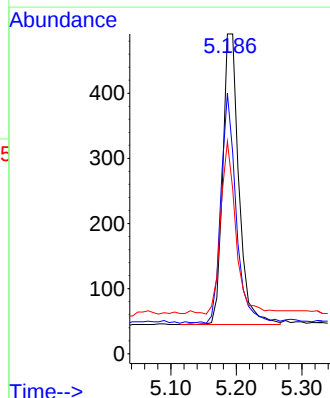
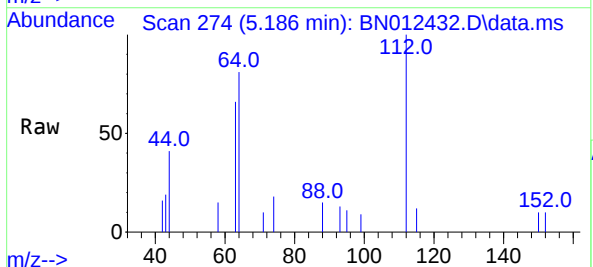
Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

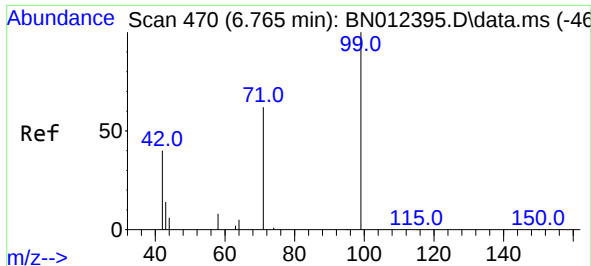
Tgt Ion:152 Resp: 651  
Ion Ratio Lower Upper  
152 100  
150 147.3 116.6 174.8  
115 79.3 52.9 79.3#



#4  
2-Fluorophenol  
Concen: 0.34 ng  
RT: 5.186 min Scan# 274  
Delta R.T. -0.008 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

Tgt Ion:112 Resp: 763  
Ion Ratio Lower Upper  
112 100  
64 73.8 49.5 74.3  
63 56.2 32.0 48.0#



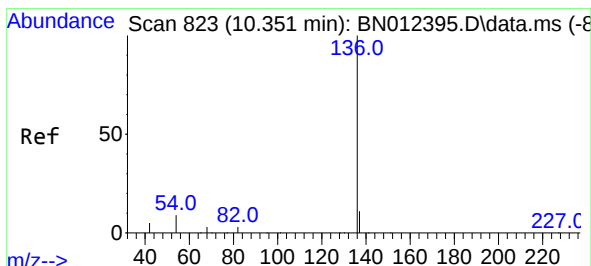
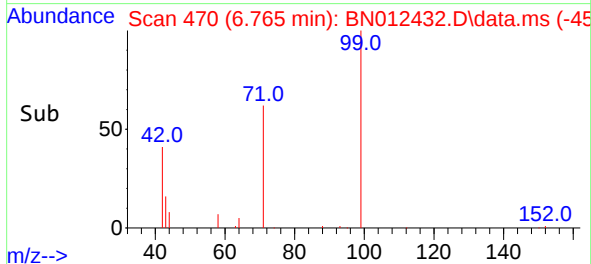
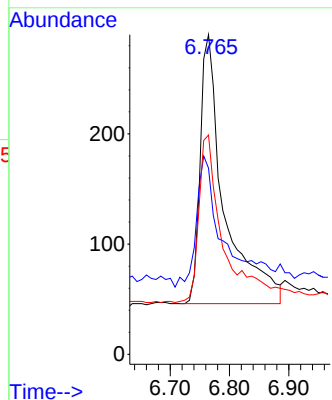
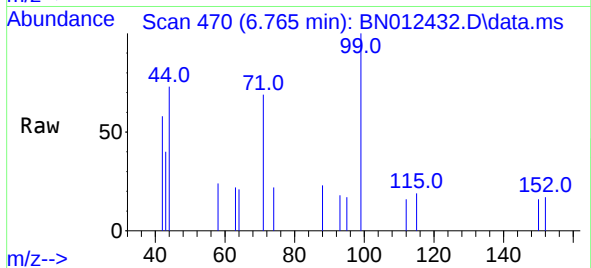


#5  
Phenol-d6  
Concen: 0.26 ng  
RT: 6.765 min Scan# 470  
Delta R.T. -0.000 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

Tgt Ion: 99 Resp: 692

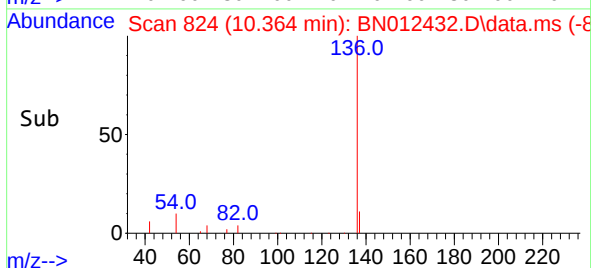
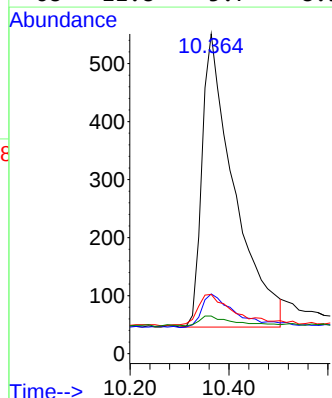
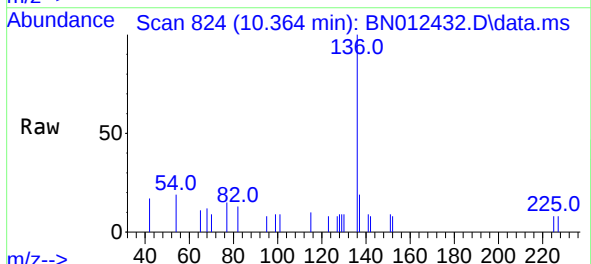
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 55.2  | 22.4  | 33.6# |
| 71  | 67.9  | 37.8  | 56.6# |

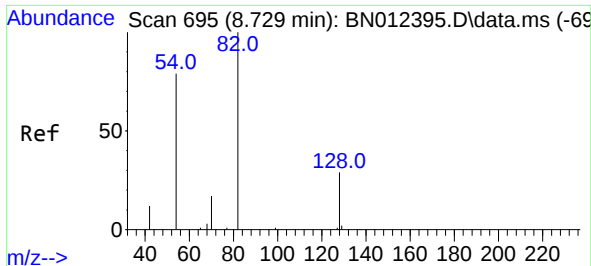


#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.364 min Scan# 824  
Delta R.T. 0.013 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

Tgt Ion: 136 Resp: 2274

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 18.7  | 10.6  | 15.8# |
| 54  | 18.5  | 8.6   | 12.8# |
| 68  | 11.8  | 5.7   | 8.5#  |

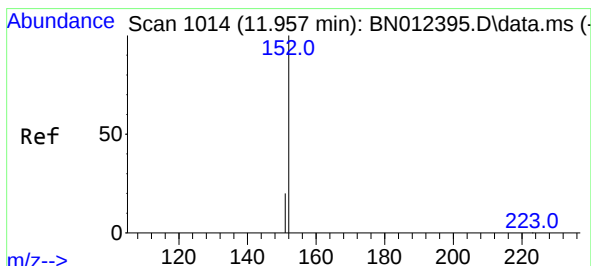
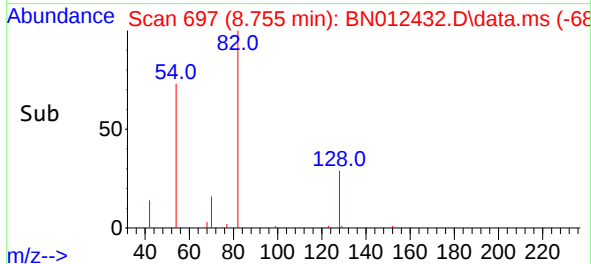
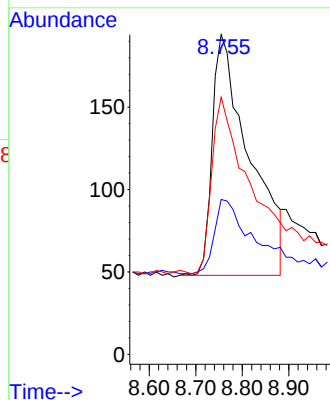
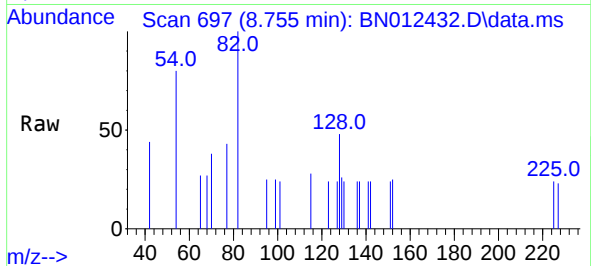




#8  
Nitrobenzene-d5  
Concen: 0.32 ng  
RT: 8.755 min Scan# 697  
Delta R.T. 0.025 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

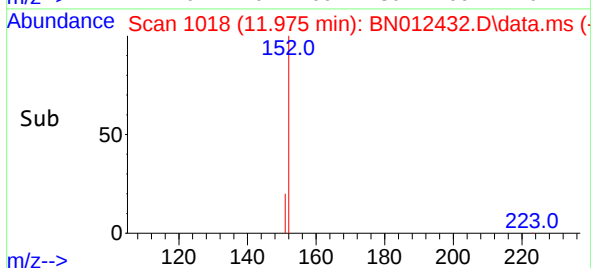
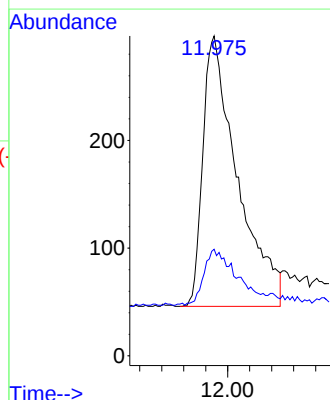
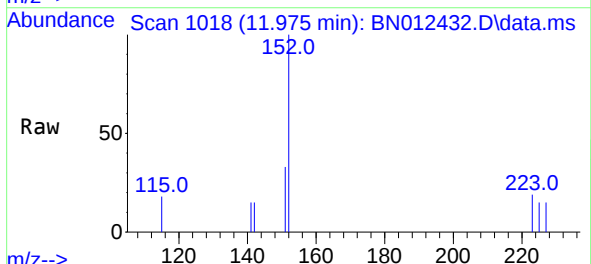
Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

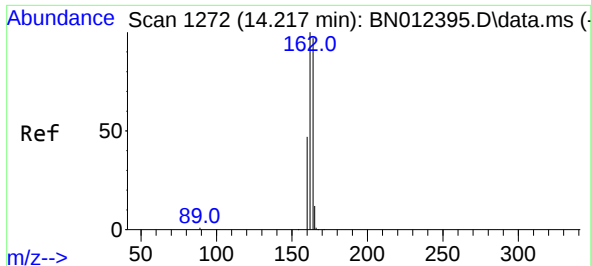
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 809   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 48.5  | 30.6  | 46.0# |
| 54       | 80.4  | 48.3  | 72.5# |



#11  
2-Methylnaphthalene-d10  
Concen: 0.30 ng  
RT: 11.975 min Scan# 1018  
Delta R.T. 0.022 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 1095  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 19.8  | 16.7  | 25.1  |

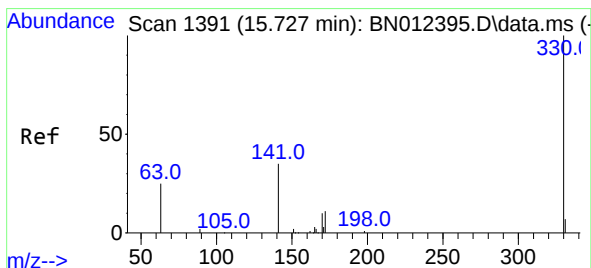
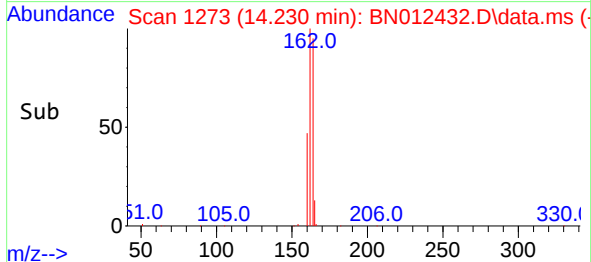
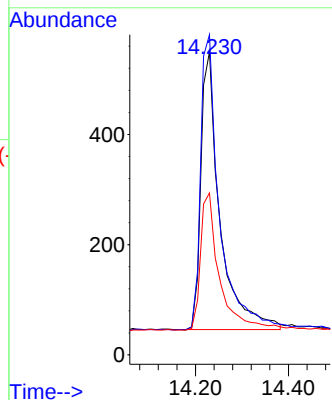
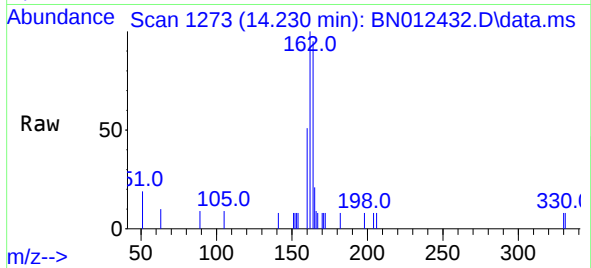




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.230 min Scan# 1273  
Delta R.T. 0.013 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

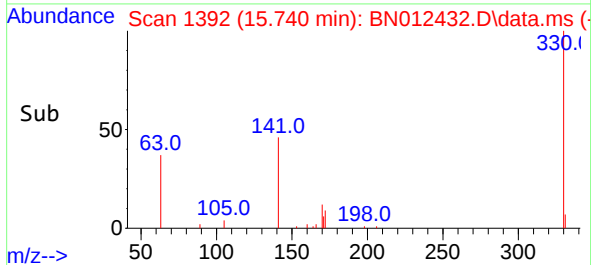
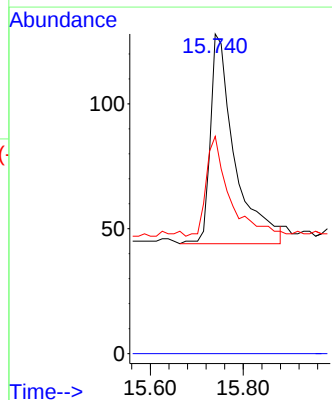
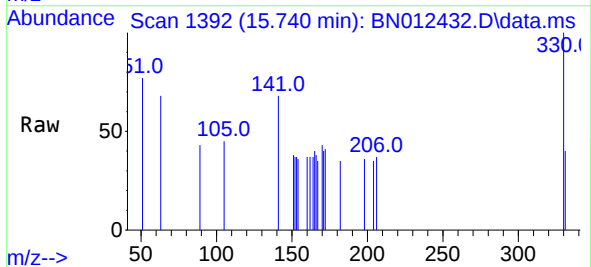
Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

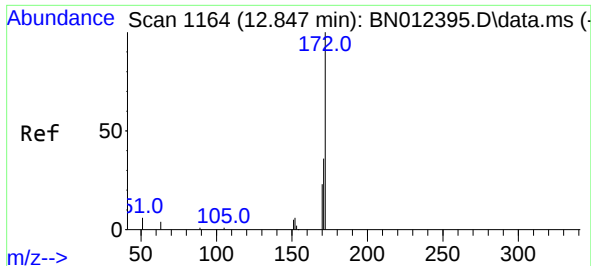
Tgt Ion:164 Resp: 1434  
Ion Ratio Lower Upper  
164 100  
162 105.6 80.6 120.8  
160 53.5 39.5 59.3



#14  
2,4,6-Tribromophenol  
Concen: 0.30 ng  
RT: 15.740 min Scan# 1392  
Delta R.T. 0.013 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

Tgt Ion:330 Resp: 306  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 45.8 34.4 51.6

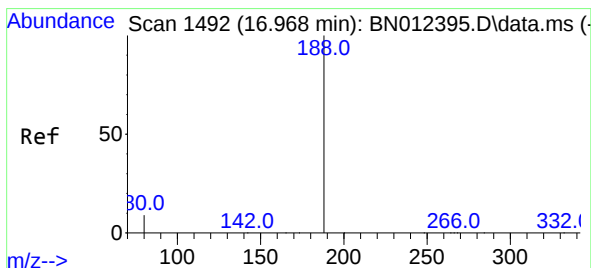
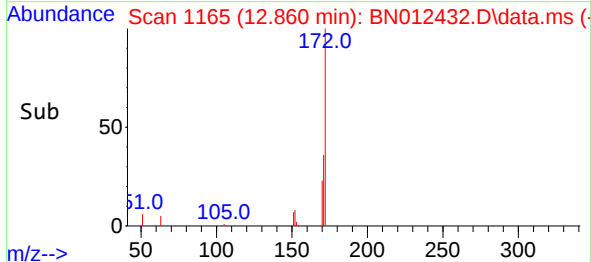
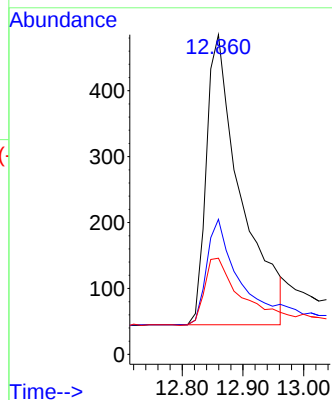
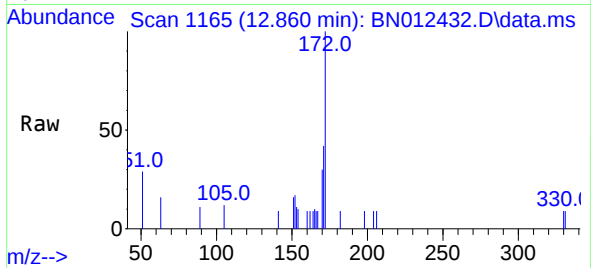




#15  
2-Fluorobiphenyl  
Concen: 0.32 ng  
RT: 12.860 min Scan# 1165  
Delta R.T. 0.013 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

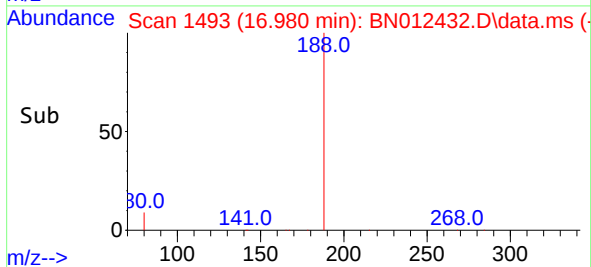
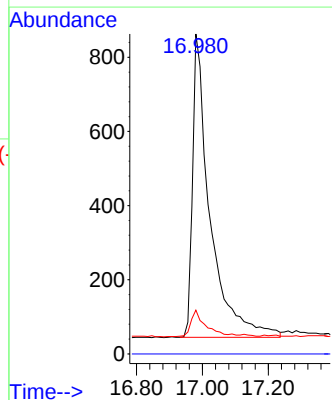
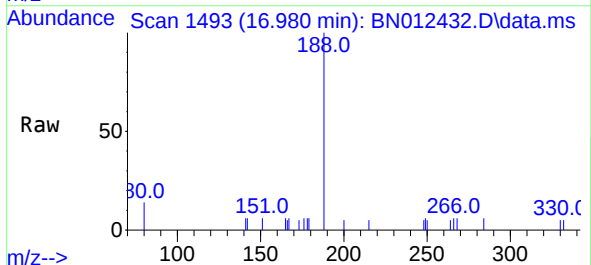
Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

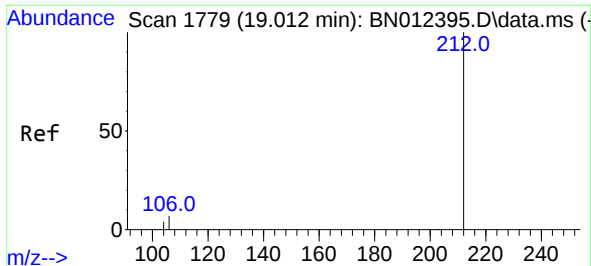
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 1732  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 42.3  | 28.2  | 42.4  |
| 170      | 30.1  | 20.0  | 30.0# |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 16.980 min Scan# 1493  
Delta R.T. 0.012 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 2986  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 13.7  | 5.0   | 7.4#  |

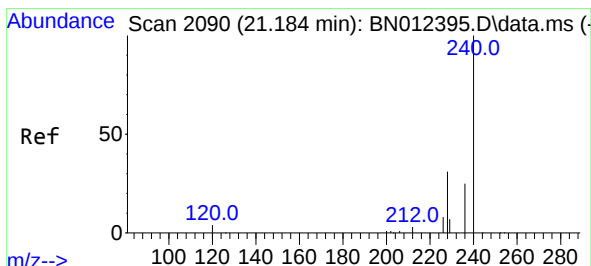
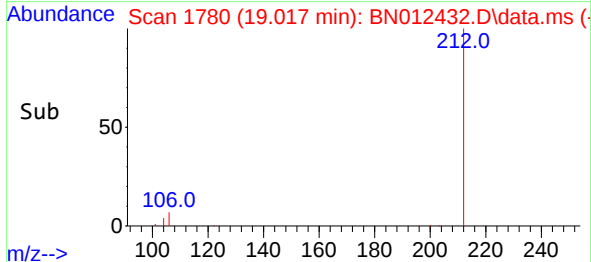
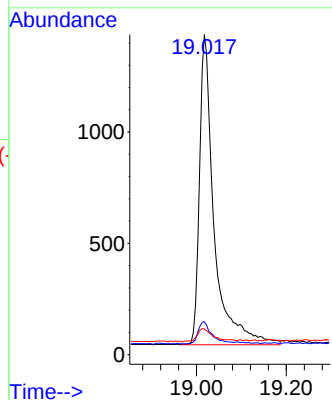
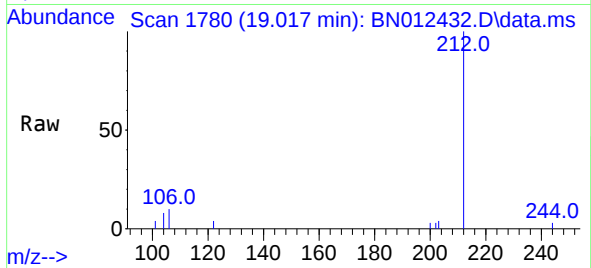




#27  
Fluoranthene-d10  
Concen: 0.34 ng  
RT: 19.017 min Scan# 1780  
Delta R.T. 0.005 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

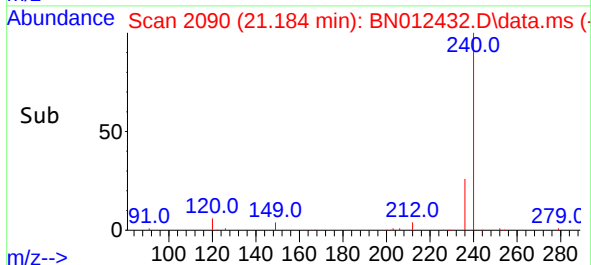
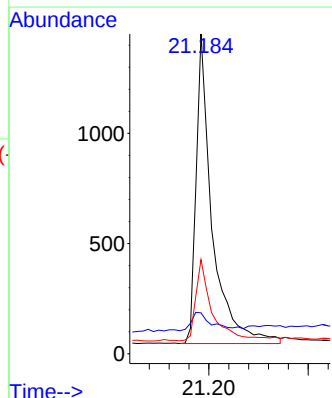
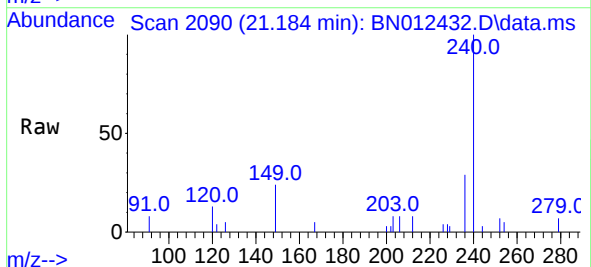
Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

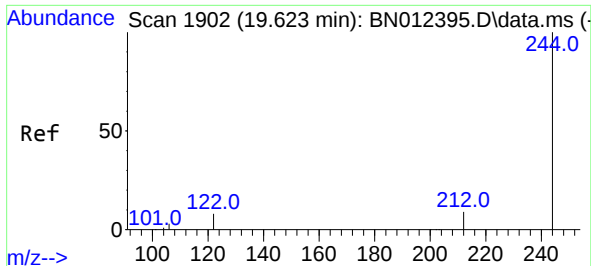
Tgt Ion:212 Resp: 3164  
Ion Ratio Lower Upper  
212 100  
106 6.6 6.8 10.2#  
104 4.5 4.1 6.1



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.184 min Scan# 2090  
Delta R.T. 0.011 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

Tgt Ion:240 Resp: 3144  
Ion Ratio Lower Upper  
240 100  
120 12.8 5.3 7.9#  
236 29.5 21.8 32.8

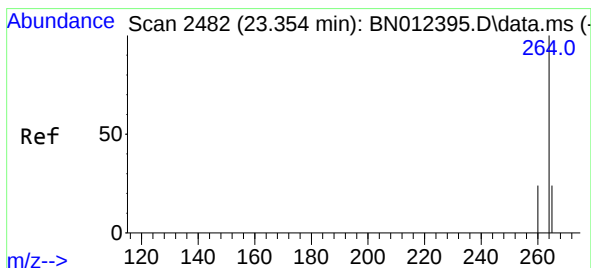
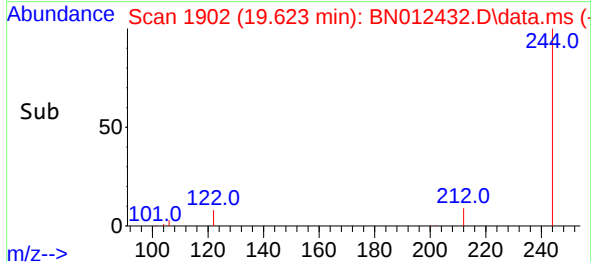
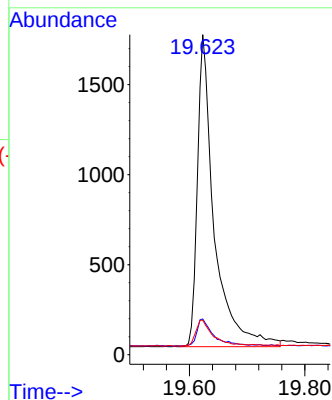
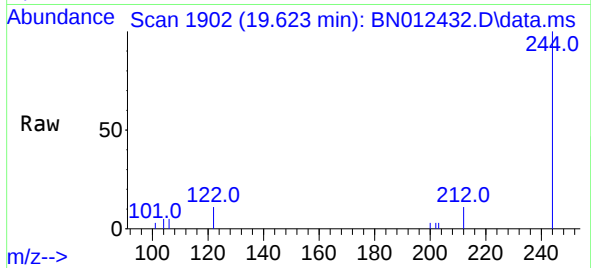




#31  
Terphenyl-d14  
Concen: 0.47 ng  
RT: 19.623 min Scan# 1902  
Delta R.T. -0.000 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

Instrument :  
BNA\_N  
ClientSampleId :  
PB132641BL

Tgt Ion:244 Resp: 3497  
Ion Ratio Lower Upper  
244 100  
212 11.1 7.3 10.9#  
122 10.8 7.3 10.9



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.357 min Scan# 2483  
Delta R.T. 0.003 min  
Lab File: BN012432.D  
Acq: 29 Oct 2020 11:30

Tgt Ion:264 Resp: 3604  
Ion Ratio Lower Upper  
264 100  
260 25.4 19.8 29.6  
265 73.8 51.4 77.0

