

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN101220\  
 Data File : BN012145.D  
 Acq On : 12 Oct 2020 11:14  
 Operator : CG/JU  
 Sample : PB132244BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB132244BL

Quant Time: Oct 12 11:52:11 2020  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Oct 12 11:15:56 2020  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|--------|------|----------|------|-------|----------|
| -----                       |        |      |          |      |       |          |
| Internal Standards          |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.634  | 152  | 2901     | 0.40 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.402 | 136  | 11114    | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.268 | 164  | 6183     | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.017 | 188  | 12658    | 0.40 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.227 | 240  | 12917    | 0.40 | ng    | # 0.00   |
| 36) Perylene-d12            | 23.425 | 264  | 14772    | 0.40 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |      |       |          |
| 4) 2-Fluorophenol           | 5.243  | 112  | 3601     | 0.35 | ng    | 0.00     |
| 5) Phenol-d6                | 6.813  | 99   | 4001     | 0.31 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.780  | 82   | 4794     | 0.42 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.006 | 152  | 5924     | 0.34 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.778 | 330  | 1205     | 0.40 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.898 | 172  | 9072     | 0.39 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.062 | 212  | 13106    | 0.35 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.668 | 244  | 13719    | 0.46 | ng    | 0.00     |

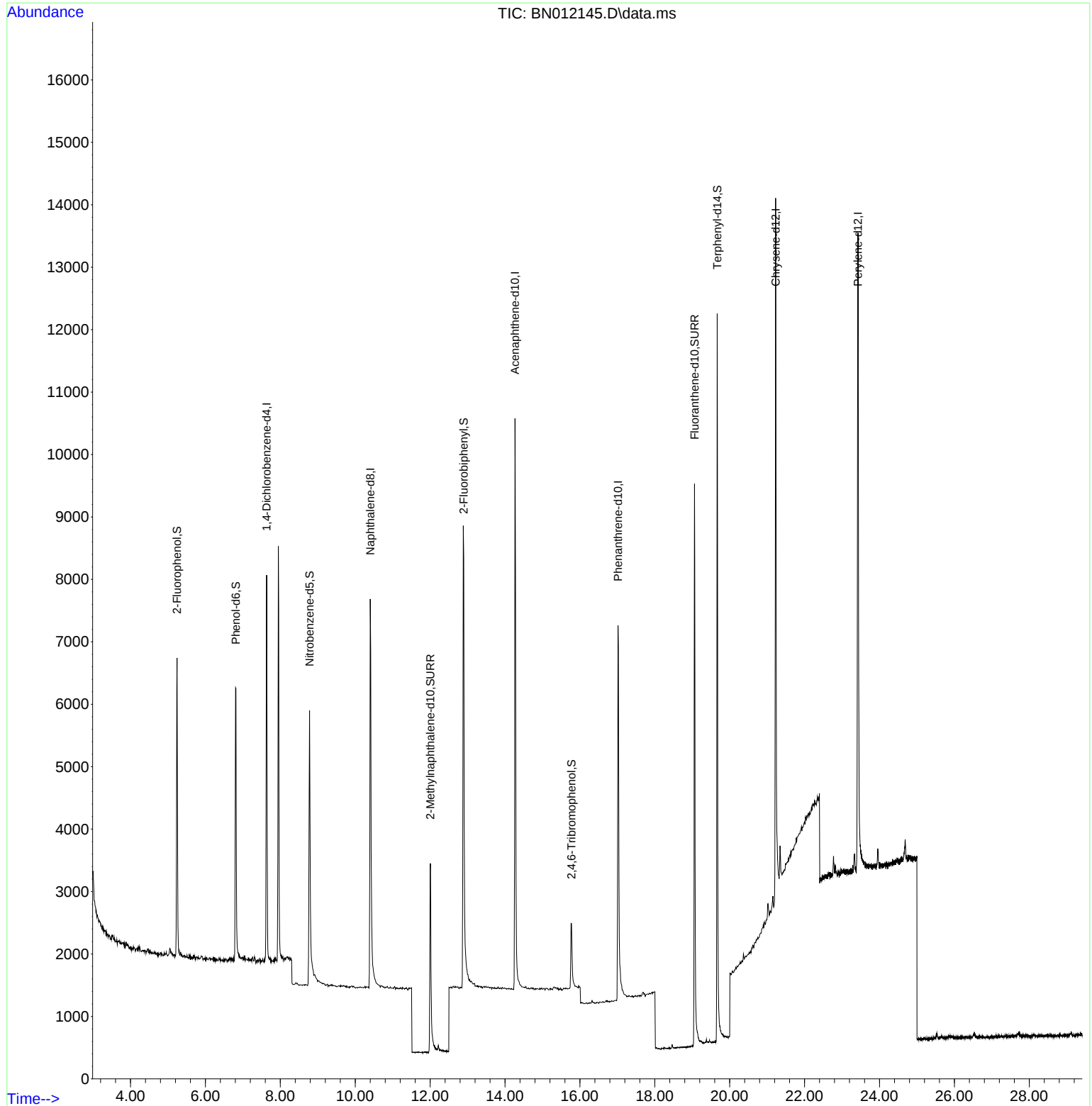
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            | -----  |

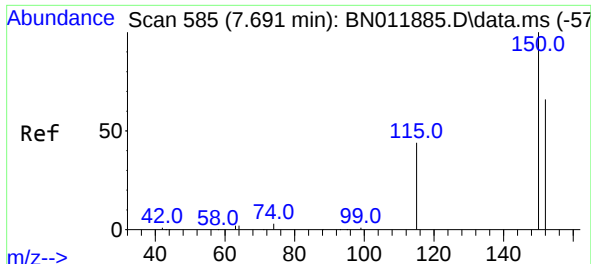
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Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN01220\  
Data File : BN012145.D  
Acq On : 12 Oct 2020 11:14  
Operator : CG/JU  
Sample : PB132244BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB132244BL

Quant Time: Oct 12 11:52:11 2020  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN092320.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Oct 12 11:15:56 2020  
Response via : Initial Calibration

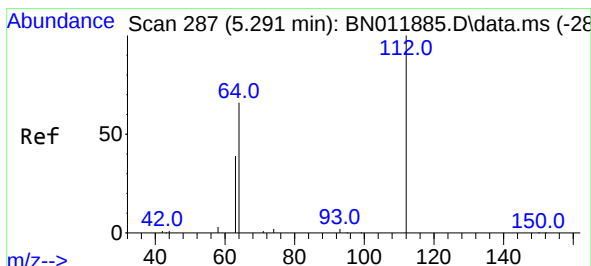
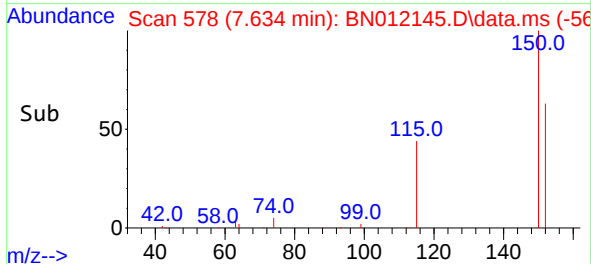
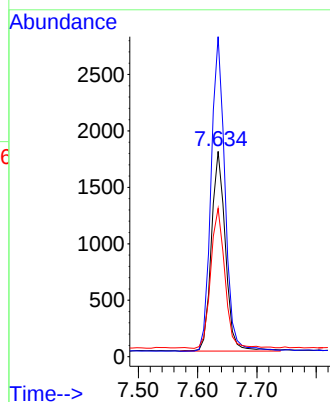
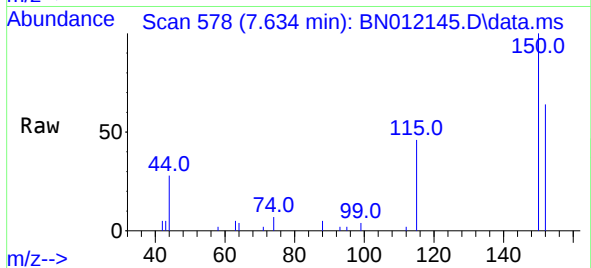




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.40 ng  
RT: 7.634 min Scan# 578  
Delta R.T. 0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

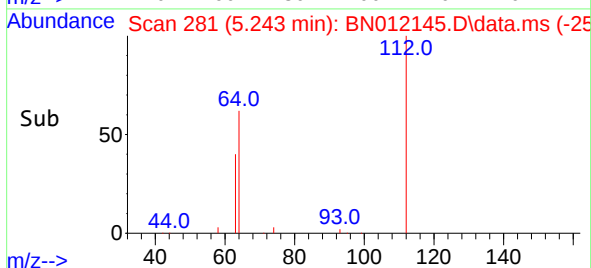
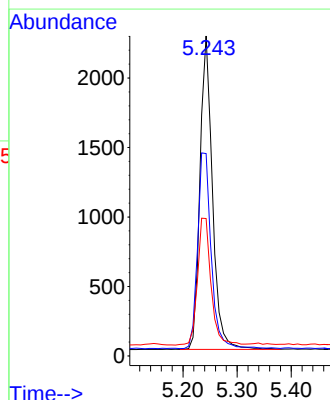
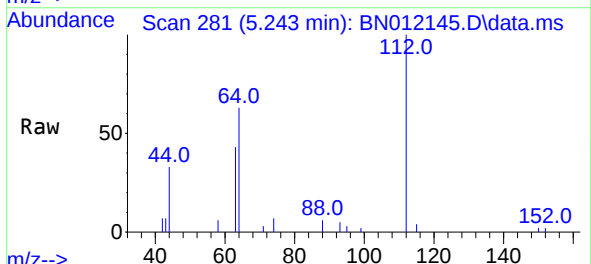
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BNA\_N  
ClientSampleId :  
PB132244BL

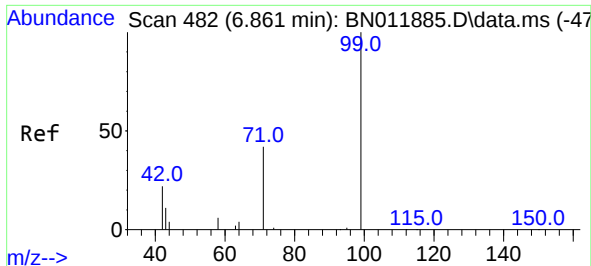
Tgt Ion:152 Resp: 2901  
Ion Ratio Lower Upper  
152 100  
150 155.9 118.3 177.5  
115 72.2 51.3 76.9



#4  
2-Fluorophenol  
Concen: 0.35 ng  
RT: 5.243 min Scan# 281  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

Tgt Ion:112 Resp: 3601  
Ion Ratio Lower Upper  
112 100  
64 68.4 49.0 73.6  
63 43.8 31.8 47.6

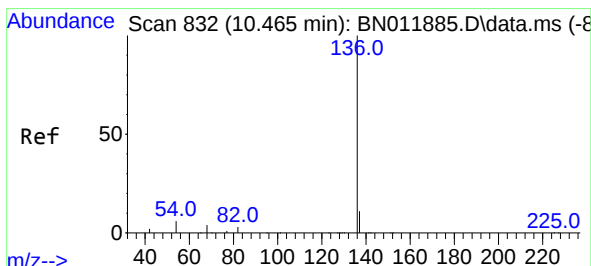
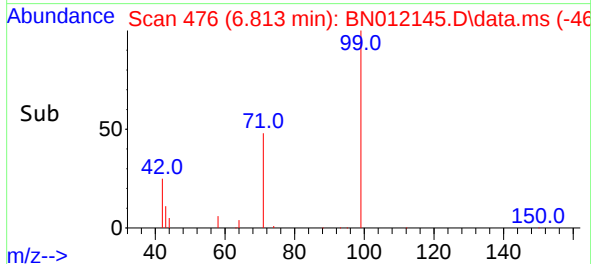
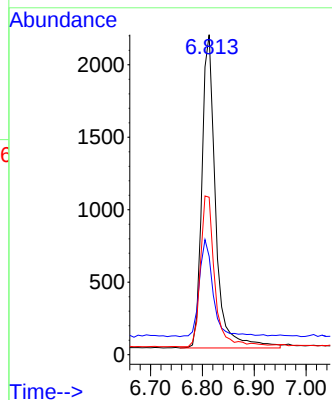
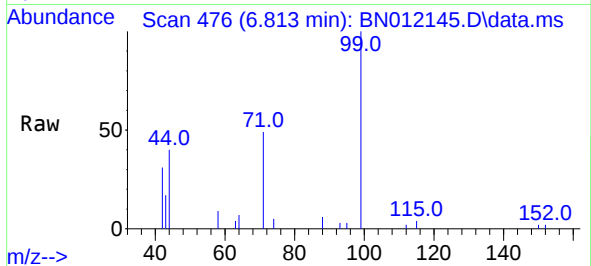




#5  
Phenol-d6  
Concen: 0.31 ng  
RT: 6.813 min Scan# 476  
Delta R.T. 0.008 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

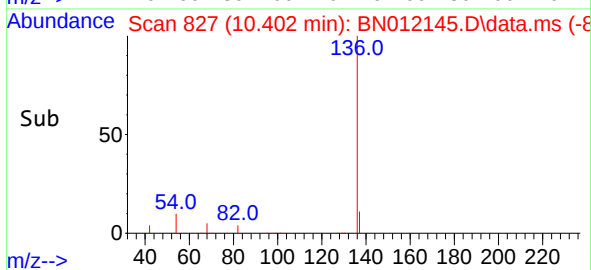
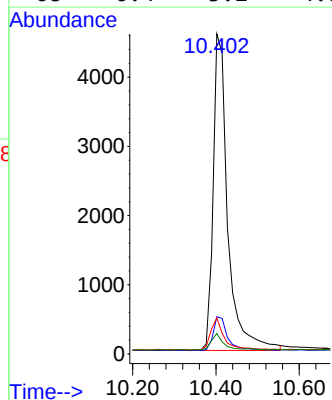
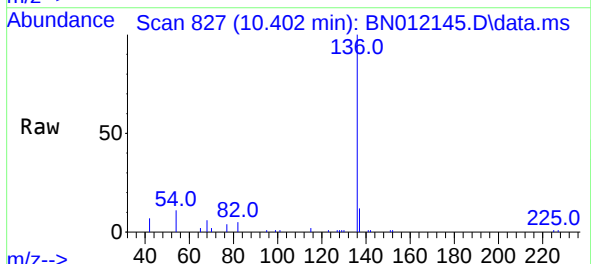
Instrument :  
BNA\_N  
ClientSampleId :  
PB132244BL

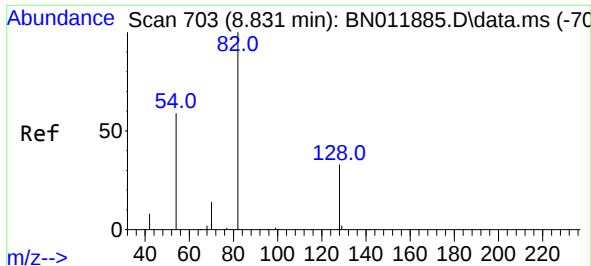
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4001  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 31.1  | 23.4  | 35.0  |
| 71       | 50.1  | 38.1  | 57.1  |



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.402 min Scan# 827  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 11114 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.6  | 9.5   | 14.3  |
| 54       | 11.3  | 5.6   | 8.4#  |
| 68       | 6.4   | 3.2   | 4.8#  |

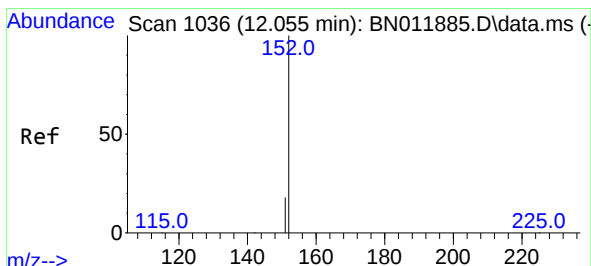
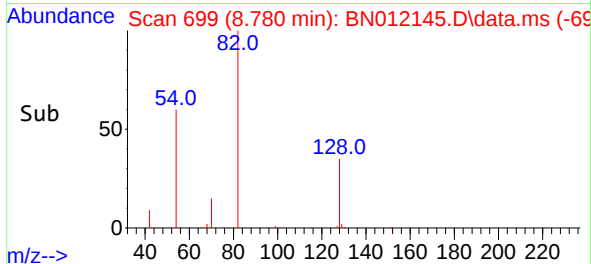
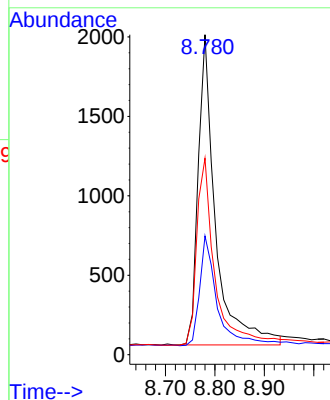
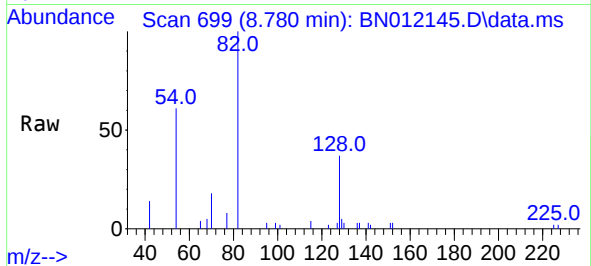




#8  
Nitrobenzene-d5  
Concen: 0.42 ng  
RT: 8.780 min Scan# 699  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

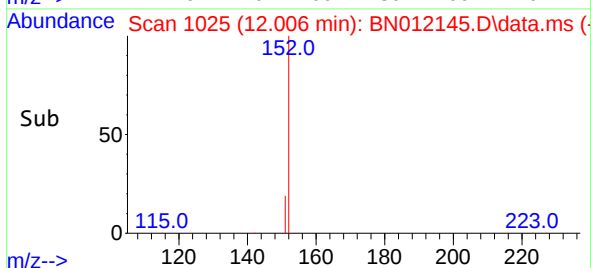
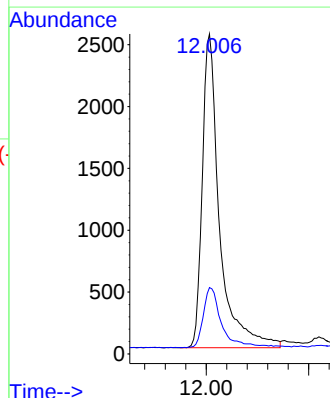
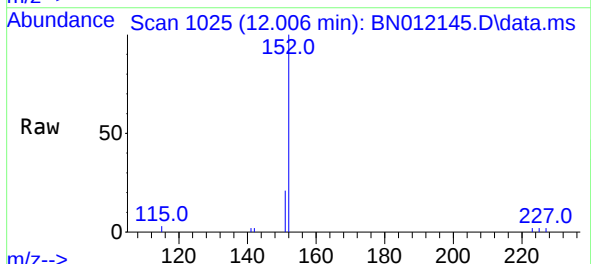
Instrument :  
BNA\_N  
ClientSampleId :  
PB132244BL

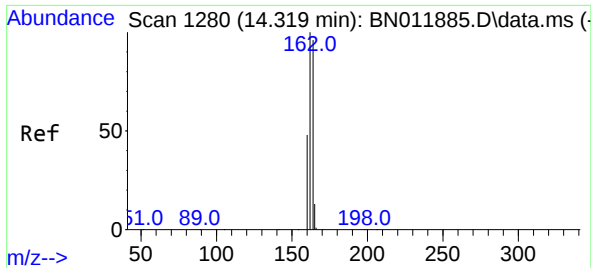
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4794  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.1  | 34.2  | 51.2  |
| 54       | 61.4  | 43.1  | 64.7  |



#11  
2-Methylnaphthalene-d10  
Concen: 0.34 ng  
RT: 12.006 min Scan# 1025  
Delta R.T. 0.004 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 5924  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.4  | 16.7  | 25.1  |

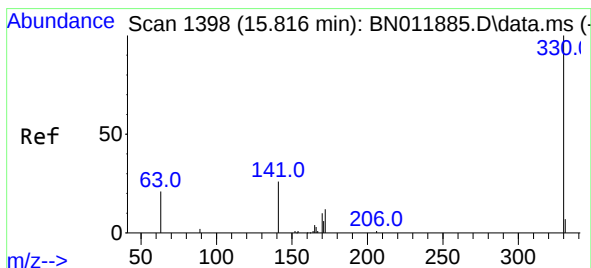
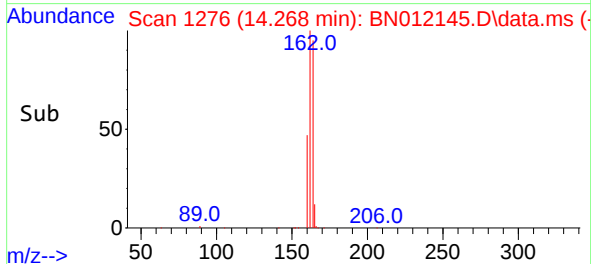
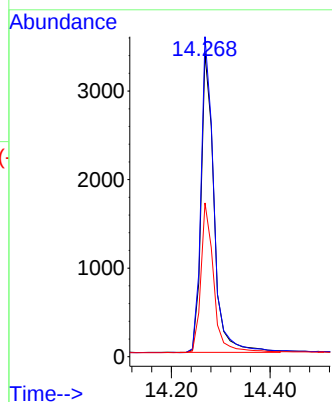
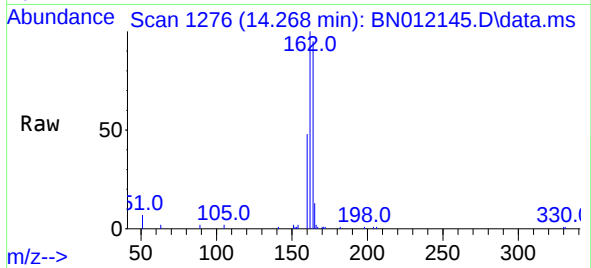




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.268 min Scan# 1276  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

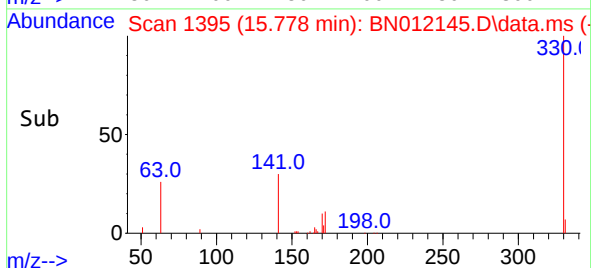
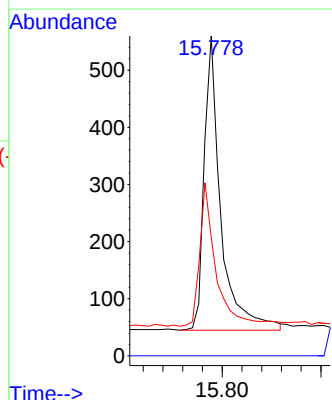
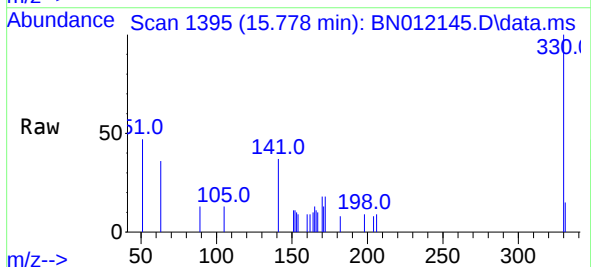
Instrument :  
BNA\_N  
ClientSampleId :  
PB132244BL

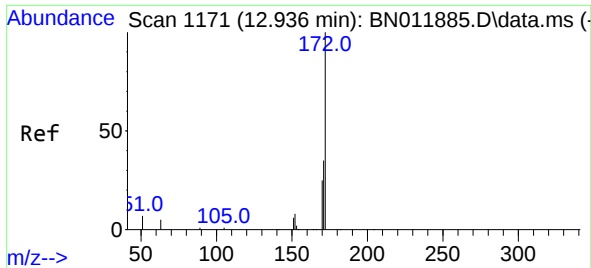
Tgt Ion:164 Resp: 6183  
Ion Ratio Lower Upper  
164 100  
162 105.5 83.6 125.4  
160 50.7 41.2 61.8



#14  
2,4,6-Tribromophenol  
Concen: 0.40 ng  
RT: 15.778 min Scan# 1395  
Delta R.T. 0.013 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

Tgt Ion:330 Resp: 1205  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 47.9 33.7 50.5

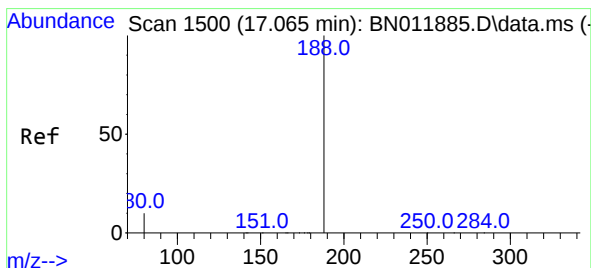
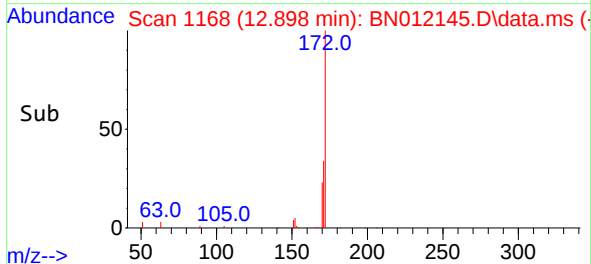
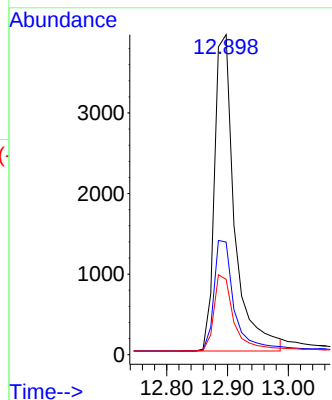
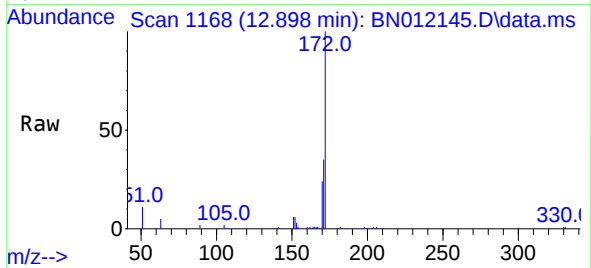




#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.898 min Scan# 1168  
Delta R.T. 0.013 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

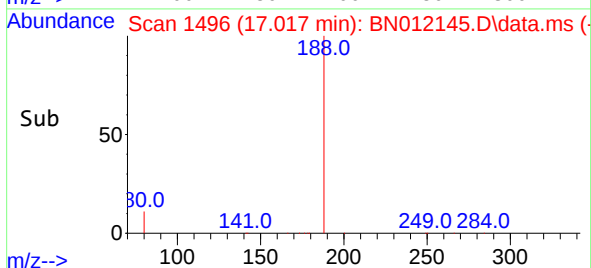
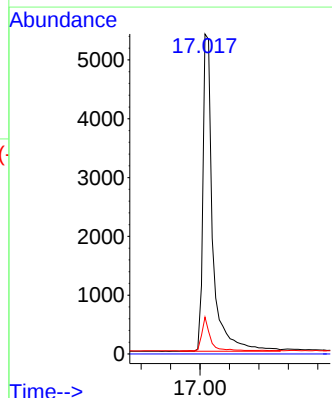
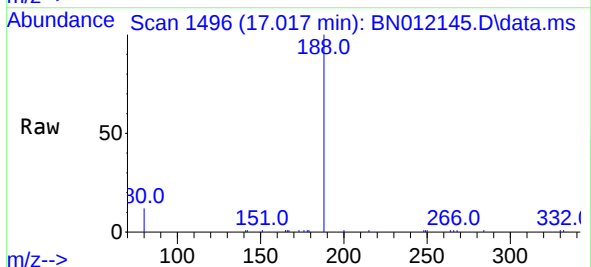
Instrument :  
BNA\_N  
ClientSampleId :  
PB132244BL

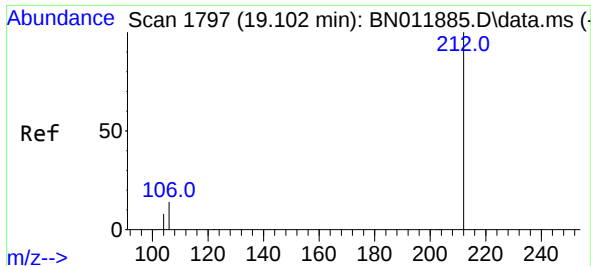
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 9072  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.2  | 27.4  | 41.2  |
| 170      | 23.5  | 17.8  | 26.6  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.017 min Scan# 1496  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 12658 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 11.5  | 7.7   | 11.5  |

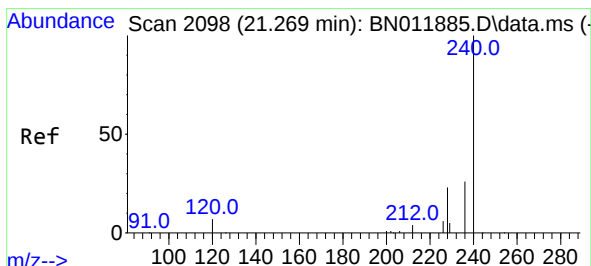
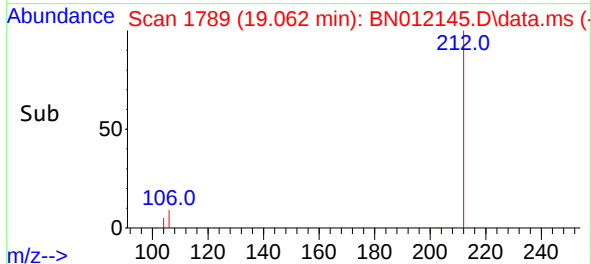
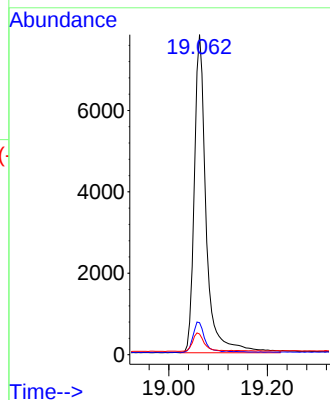
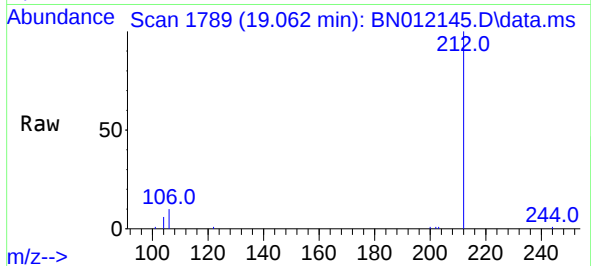




#27  
Fluoranthene-d10  
Concen: 0.35 ng  
RT: 19.062 min Scan# 1789  
Delta R.T. 0.005 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

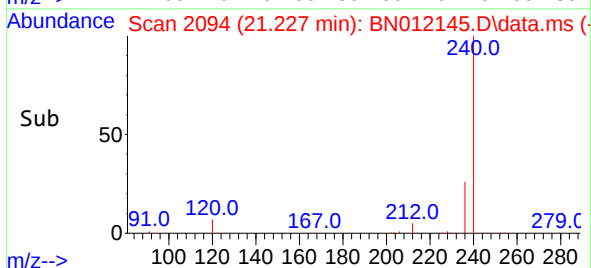
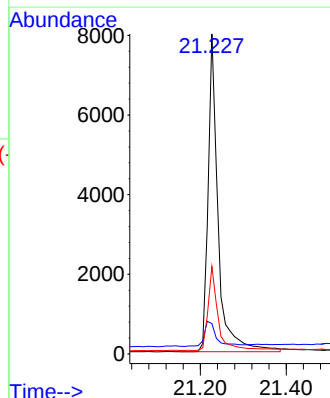
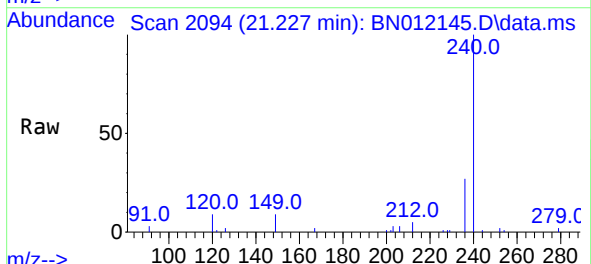
Instrument :  
BNA\_N  
ClientSampleId :  
PB132244BL

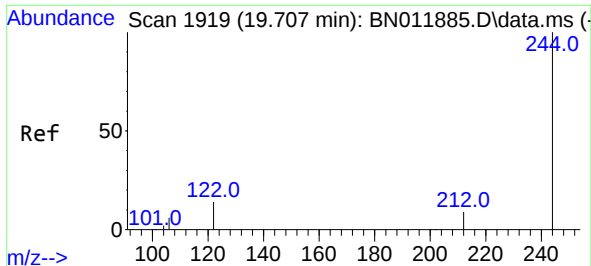
|             |       |         |
|-------------|-------|---------|
| Tgt Ion:212 | Resp: | 13106   |
| Ion Ratio   | Lower | Upper   |
| 212         | 100   |         |
| 106         | 9.2   | 6.4 9.6 |
| 104         | 5.8   | 3.9 5.9 |



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.227 min Scan# 2094  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:240 | Resp: | 12917     |
| Ion Ratio   | Lower | Upper     |
| 240         | 100   |           |
| 120         | 9.5   | 3.5 5.3#  |
| 236         | 27.3  | 20.5 30.7 |

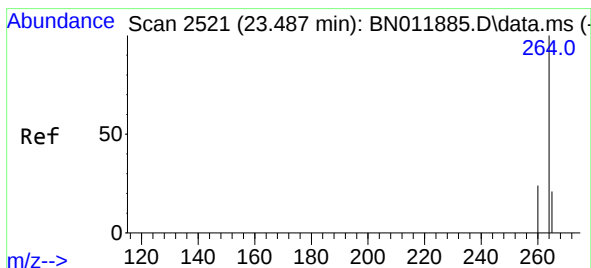
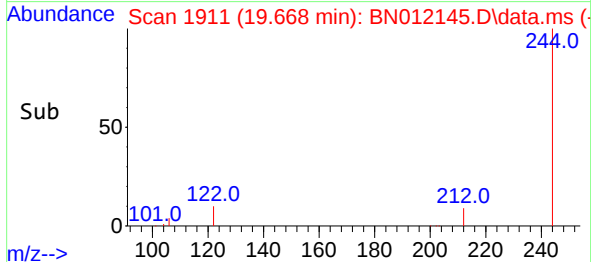
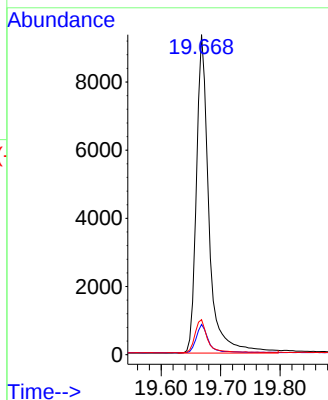
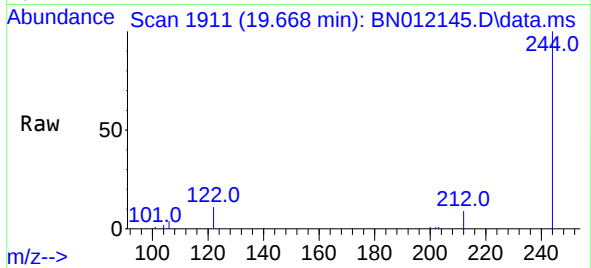




#31  
Terphenyl-d14  
Concen: 0.46 ng  
RT: 19.668 min Scan# 1911  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

Instrument :  
BNA\_N  
ClientSampleId :  
PB132244BL

Tgt Ion:244 Resp: 13719  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.3 10.9  
122 10.9 7.8 11.6



#36  
Perylene-d12  
Concen: 0.40 ng  
RT: 23.425 min Scan# 2503  
Delta R.T. -0.000 min  
Lab File: BN012145.D  
Acq: 12 Oct 2020 11:14

Tgt Ion:264 Resp: 14772  
Ion Ratio Lower Upper  
264 100  
260 24.2 19.6 29.4  
265 47.5 38.6 58.0

