

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122123\  
 Data File : BN029150.D  
 Acq On : 21 Dec 2023 14:59  
 Operator : MA/JU  
 Sample : PB157679BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157679BL

Quant Time: Dec 21 16:05:10 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 20 18:03:30 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.790  | 152  | 922      | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.584 | 136  | 1648     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.426 | 164  | 862      | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.181 | 188  | 1489     | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.394 | 240  | 842      | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.710 | 264  | 1125     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.399  | 112  | 598      | 0.271 | ng    | 0.00     |
| 5) Phenol-d6                | 7.002  | 99   | 582      | 0.240 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.971  | 82   | 612      | 0.285 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.174 | 152  | 826      | 0.331 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.940 | 330  | 127      | 0.169 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.057 | 172  | 1594     | 0.317 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.225 | 212  | 1033     | 0.287 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.833 | 244  | 694      | 0.300 | ng    | 0.00     |

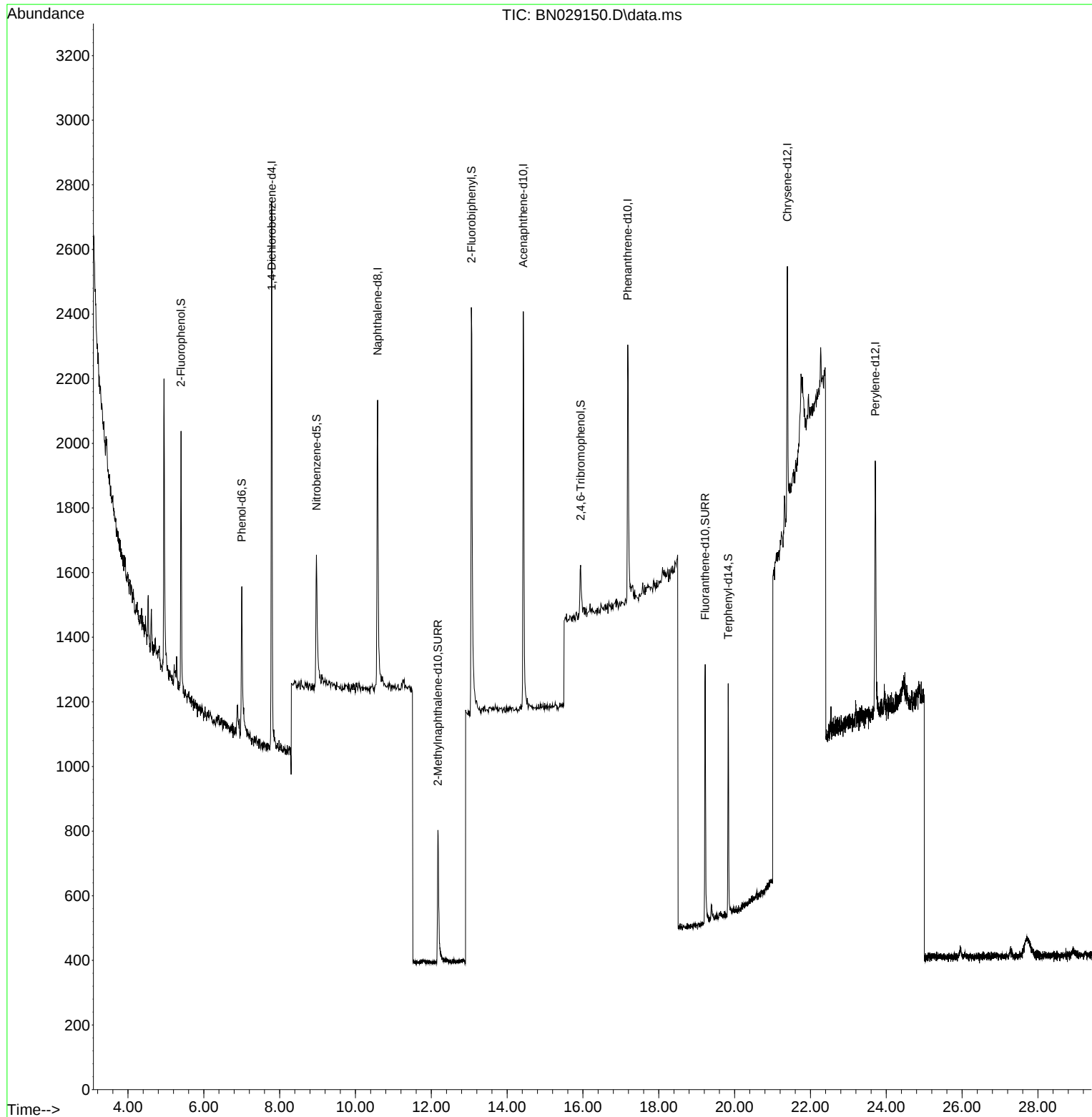
Target Compounds Qvalue

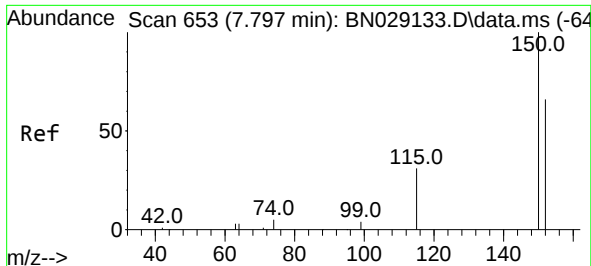
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN122123\  
Data File : BN029150.D  
Acq On : 21 Dec 2023 14:59  
Operator : MA/JU  
Sample : PB157679BL  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB157679BL

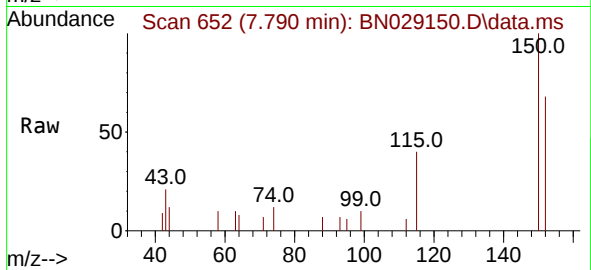
Quant Time: Dec 21 16:05:10 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN122023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 20 18:03:30 2023  
Response via : Initial Calibration



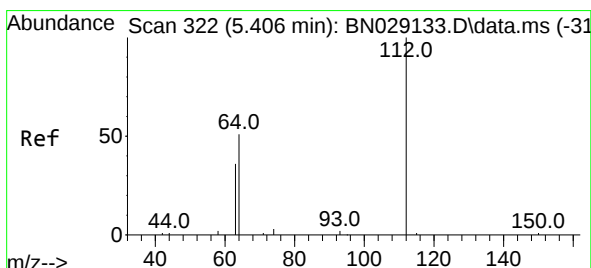
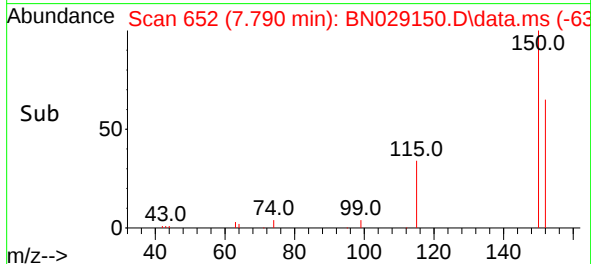
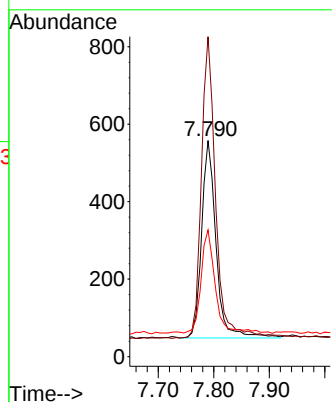


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.790 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

Instrument :  
BNA\_N  
ClientSampleId :  
PB157679BL

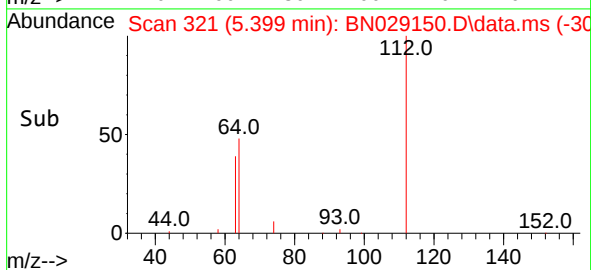
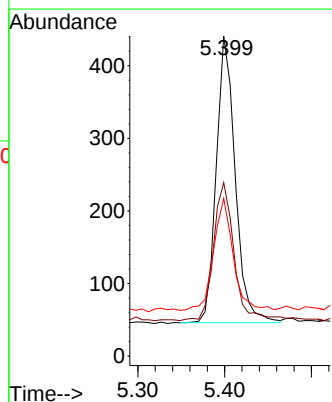
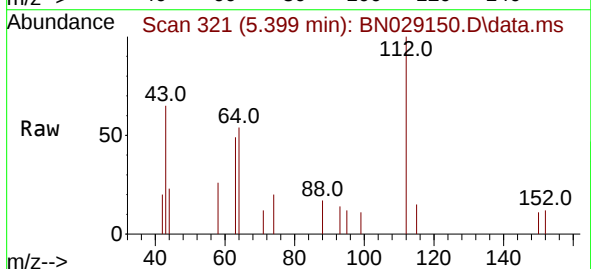


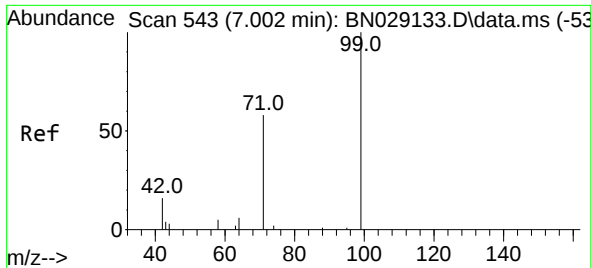
Tgt Ion:152 Resp: 922  
Ion Ratio Lower Upper  
152 100  
150 148.0 117.6 176.4  
115 58.6 44.2 66.2



#4  
2-Fluorophenol  
Concen: 0.271 ng  
RT: 5.399 min Scan# 321  
Delta R.T. -0.007 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

Tgt Ion:112 Resp: 598  
Ion Ratio Lower Upper  
112 100  
64 52.8 38.6 58.0  
63 40.8 30.0 45.0

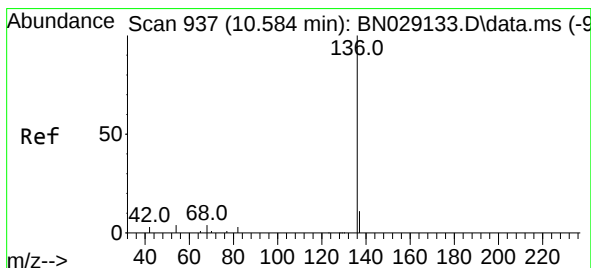
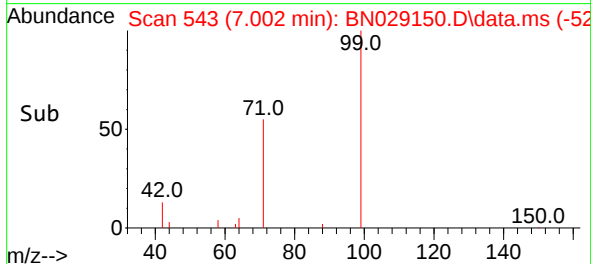
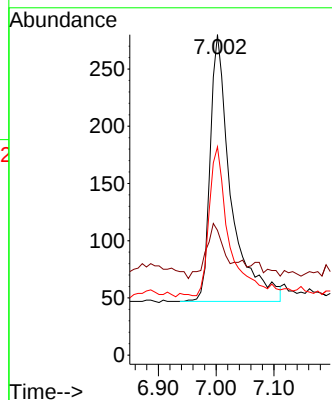
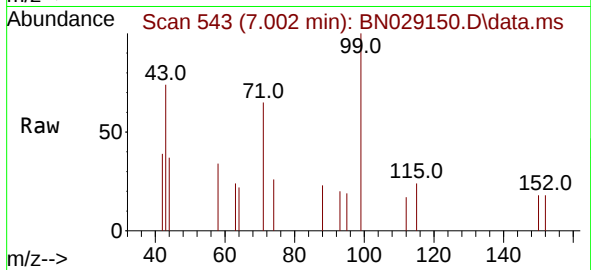




#5  
Phenol-d6  
Concen: 0.240 ng  
RT: 7.002 min Scan# 543  
Delta R.T. -0.000 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

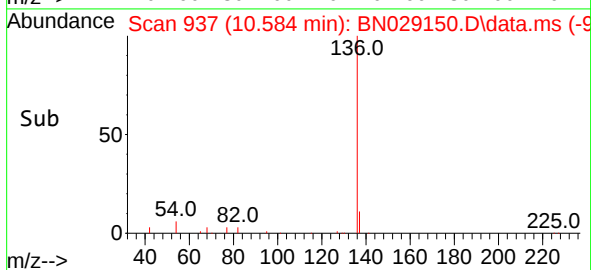
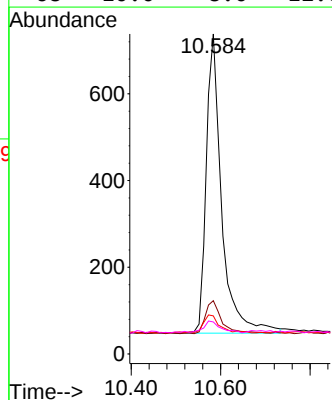
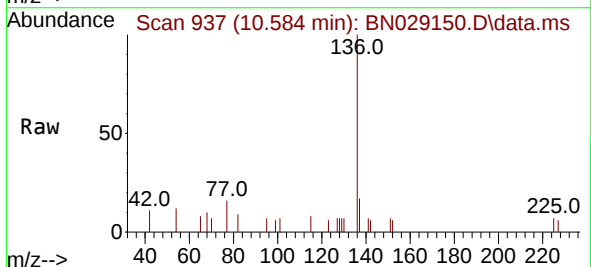
Instrument :  
BNA\_N  
ClientSampleId :  
PB157679BL

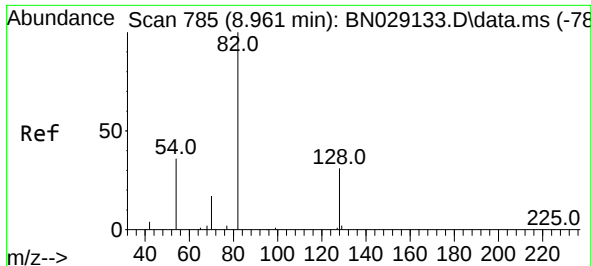
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 582   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 18.0  | 13.8  | 20.6  |
| 71       | 52.1  | 45.4  | 68.2  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.584 min Scan# 937  
Delta R.T. 0.000 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 1648  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 16.7  | 13.4  | 20.0  |
| 54       | 11.9  | 8.6   | 13.0  |
| 68       | 10.0  | 8.0   | 12.0  |

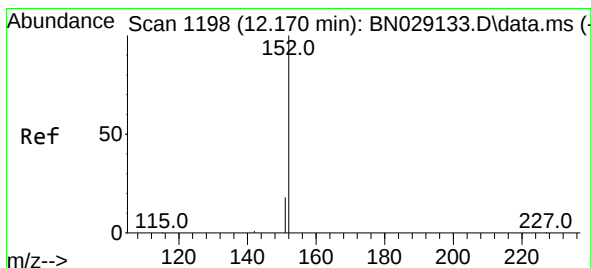
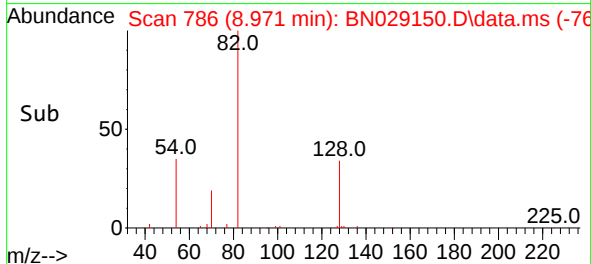
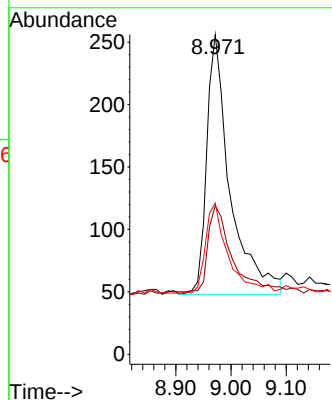
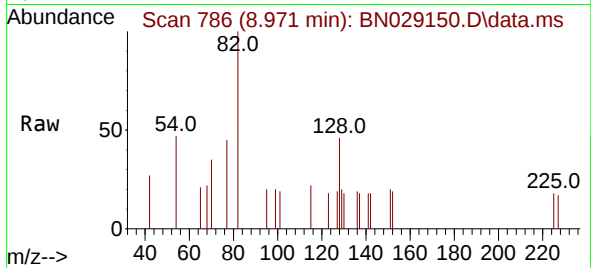




#8  
 Nitrobenzene-d5  
 Concen: 0.285 ng  
 RT: 8.971 min Scan# 785  
 Delta R.T. 0.011 min  
 Lab File: BN029150.D  
 Acq: 21 Dec 2023 14:59

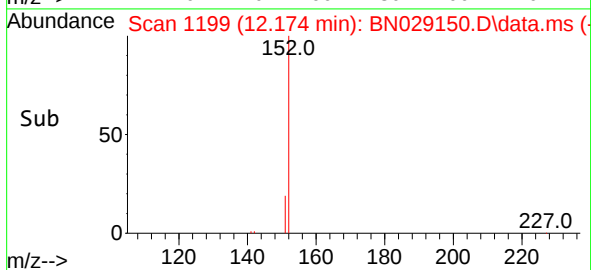
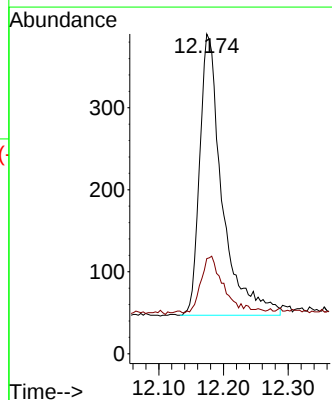
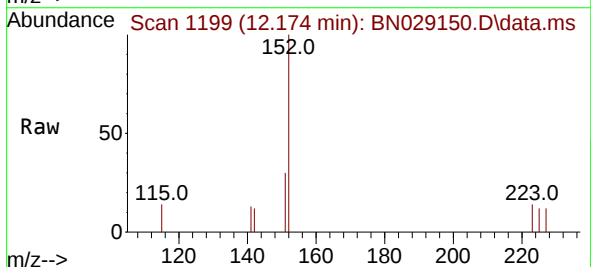
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157679BL

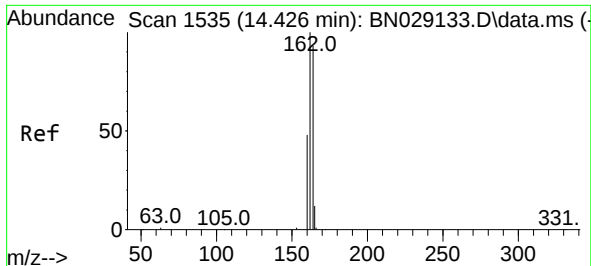
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 612   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 46.5  | 33.0  | 49.4  |
| 54       | 47.3  | 35.8  | 53.8  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.331 ng  
 RT: 12.174 min Scan# 1199  
 Delta R.T. 0.004 min  
 Lab File: BN029150.D  
 Acq: 21 Dec 2023 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 826   |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.0  | 17.4  | 26.2  |

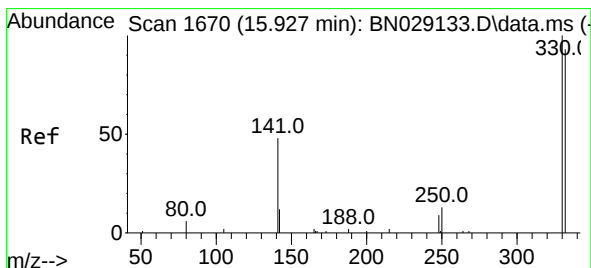
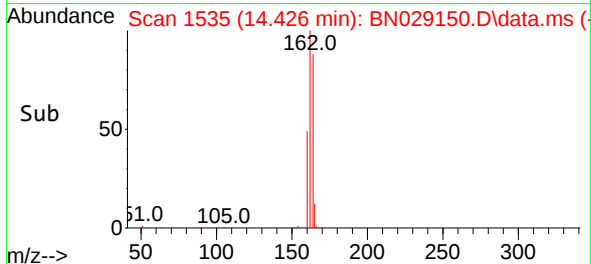
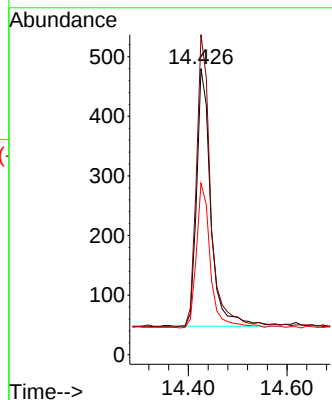
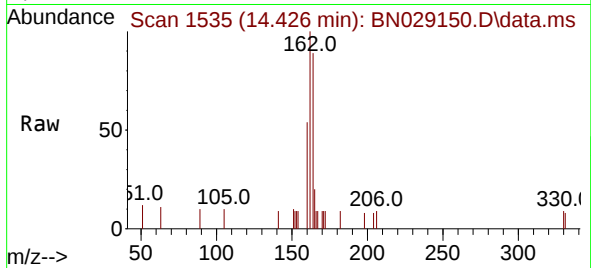




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.426 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

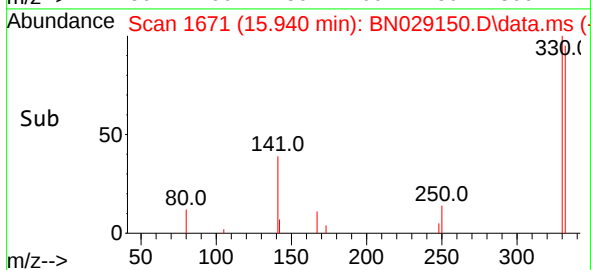
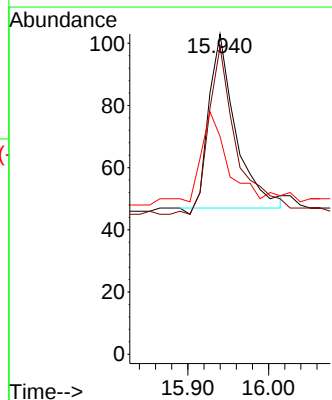
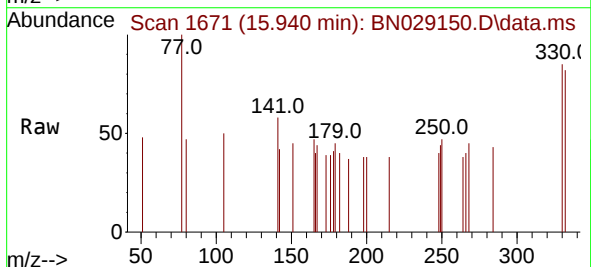
Instrument :  
BNA\_N  
ClientSampleId :  
PB157679BL

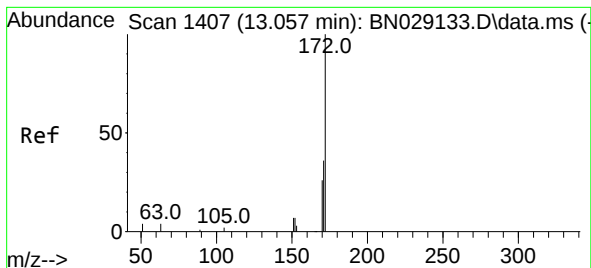
Tgt Ion:164 Resp: 862  
Ion Ratio Lower Upper  
164 100  
162 111.9 85.0 127.4  
160 60.0 45.8 68.8



#14  
2,4,6-Tribromophenol  
Concen: 0.169 ng  
RT: 15.940 min Scan# 1671  
Delta R.T. 0.012 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

Tgt Ion:330 Resp: 127  
Ion Ratio Lower Upper  
330 100  
332 103.1 83.4 125.0  
141 62.2 43.8 65.8

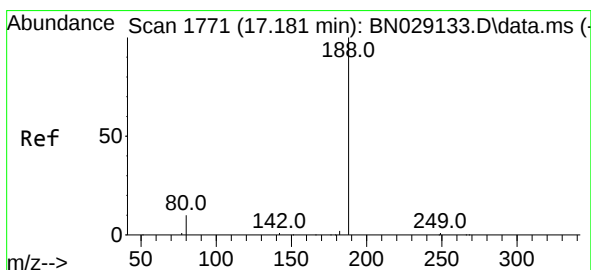
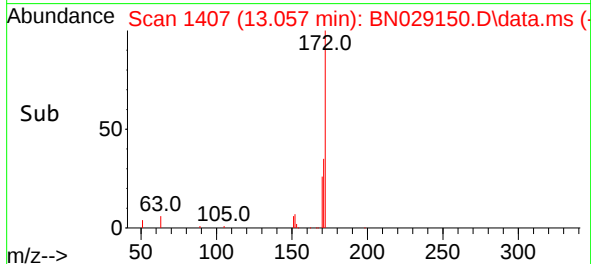
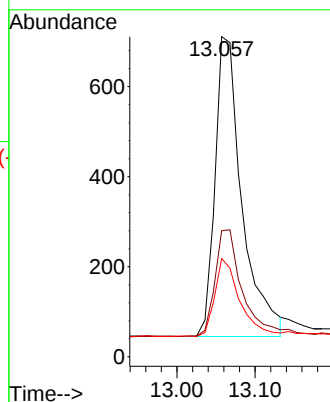
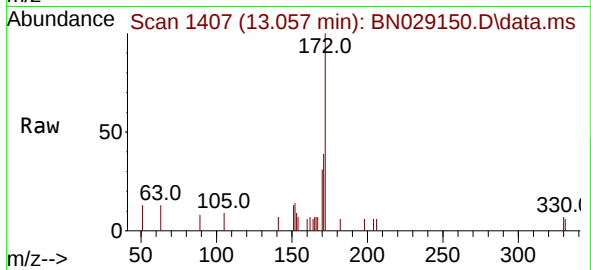




#15  
2-Fluorobiphenyl  
Concen: 0.317 ng  
RT: 13.057 min Scan# 1407  
Delta R.T. -0.000 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

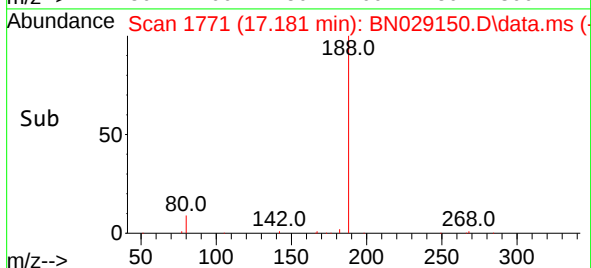
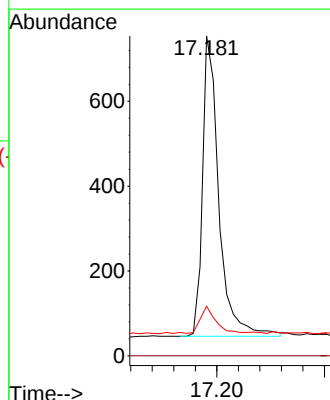
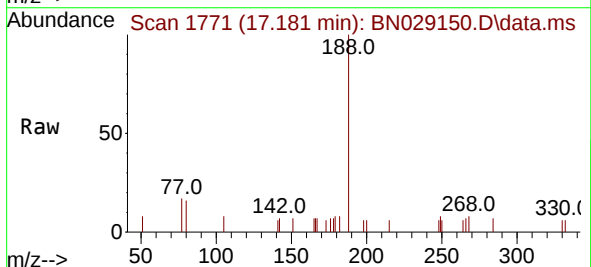
Instrument :  
BNA\_N  
ClientSampleId :  
PB157679BL

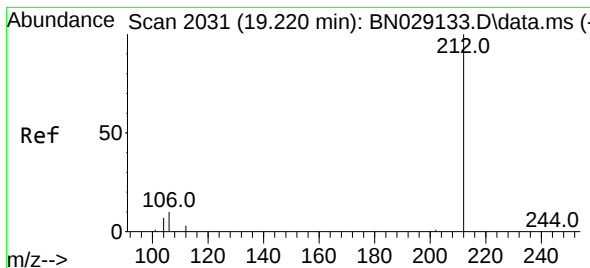
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 1594  |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 39.4  | 32.2  | 48.4  |
| 170      | 30.7  | 25.0  | 37.4  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.181 min Scan# 1771  
Delta R.T. -0.000 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 1489  |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 15.5  | 13.7  | 20.5  |

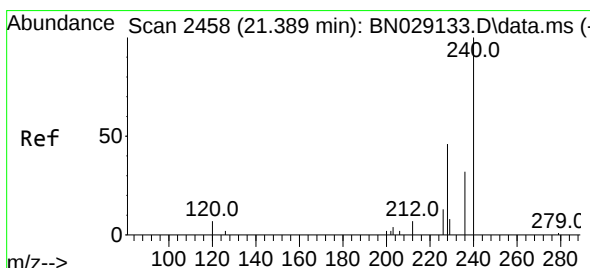
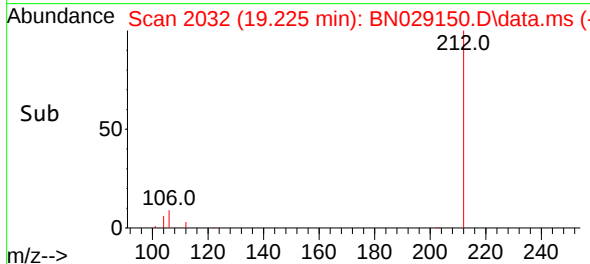
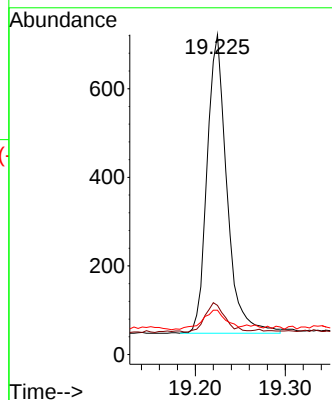
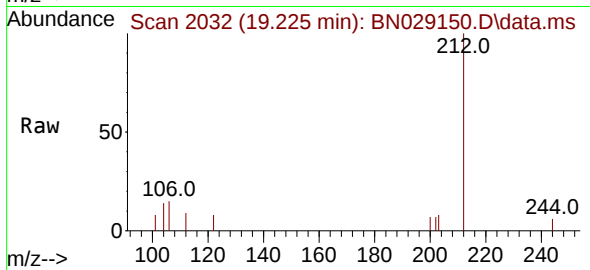




#27  
Fluoranthene-d10  
Concen: 0.287 ng  
RT: 19.225 min Scan# 2031  
Delta R.T. 0.005 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

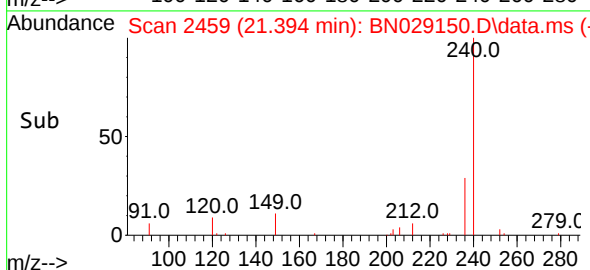
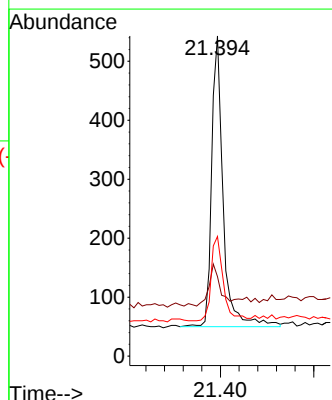
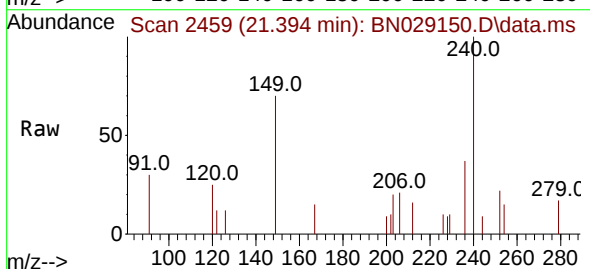
Instrument :  
BNA\_N  
ClientSampleId :  
PB157679BL

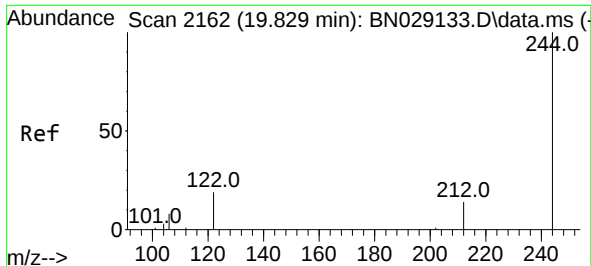
Tgt Ion:212 Resp: 1033  
Ion Ratio Lower Upper  
212 100  
106 9.7 9.6 14.4  
104 7.7 6.5 9.7



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.394 min Scan# 2459  
Delta R.T. 0.005 min  
Lab File: BN029150.D  
Acq: 21 Dec 2023 14:59

Tgt Ion:240 Resp: 842  
Ion Ratio Lower Upper  
240 100  
120 24.9 21.4 32.0  
236 37.4 33.5 50.3

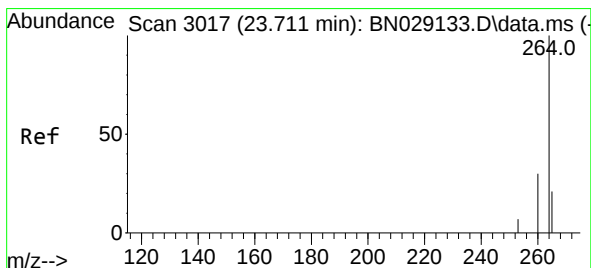
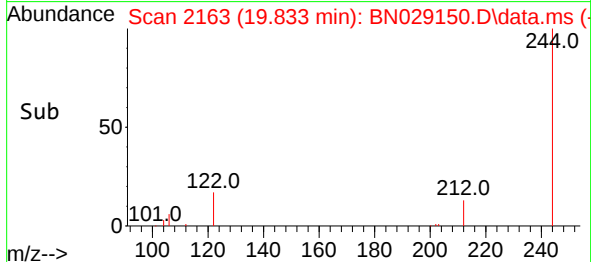
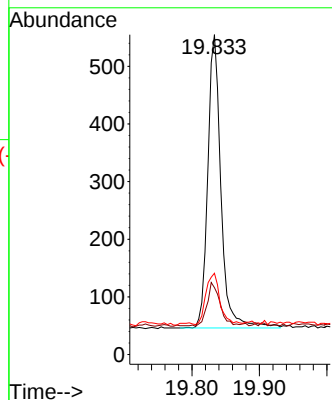
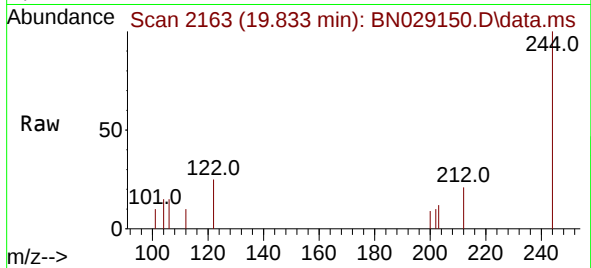




#31  
 Terphenyl-d14  
 Concen: 0.300 ng  
 RT: 19.833 min Scan# 2163  
 Delta R.T. 0.005 min  
 Lab File: BN029150.D  
 Acq: 21 Dec 2023 14:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB157679BL

Tgt Ion:244 Resp: 694  
 Ion Ratio Lower Upper  
 244 100  
 212 20.9 19.0 28.6  
 122 25.4 22.5 33.7



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.710 min Scan# 3018  
 Delta R.T. -0.001 min  
 Lab File: BN029150.D  
 Acq: 21 Dec 2023 14:59

Tgt Ion:264 Resp: 1125  
 Ion Ratio Lower Upper  
 264 100  
 260 34.5 31.0 46.6  
 265 115.3 105.3 157.9

