

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022324\  
 Data File : BN029956.D  
 Acq On : 23 Feb 2024 14:52  
 Operator : MA/JU  
 Sample : PB159108BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159108BL

Quant Time: Feb 23 17:10:33 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 23:52:05 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.862  | 152  | 7409     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.648 | 136  | 19550    | 0.400 | ng    | #-0.02   |
| 13) Acenaphthene-d10        | 14.500 | 164  | 9100     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10        | 17.255 | 188  | 17655    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.456 | 240  | 13204    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.820 | 264  | 13757    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.435  | 112  | 7935     | 0.446 | ng    | 0.00     |
| 5) Phenol-d6                | 7.031  | 99   | 8758     | 0.426 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.025  | 82   | 5652     | 0.347 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10 | 12.246 | 152  | 8582     | 0.322 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol    | 16.002 | 330  | 1020     | 0.349 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.121 | 172  | 12500    | 0.320 | ng    | -0.01    |
| 27) Fluoranthene-d10        | 19.289 | 212  | 13353    | 0.312 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.898 | 244  | 10301    | 0.314 | ng    | 0.00     |

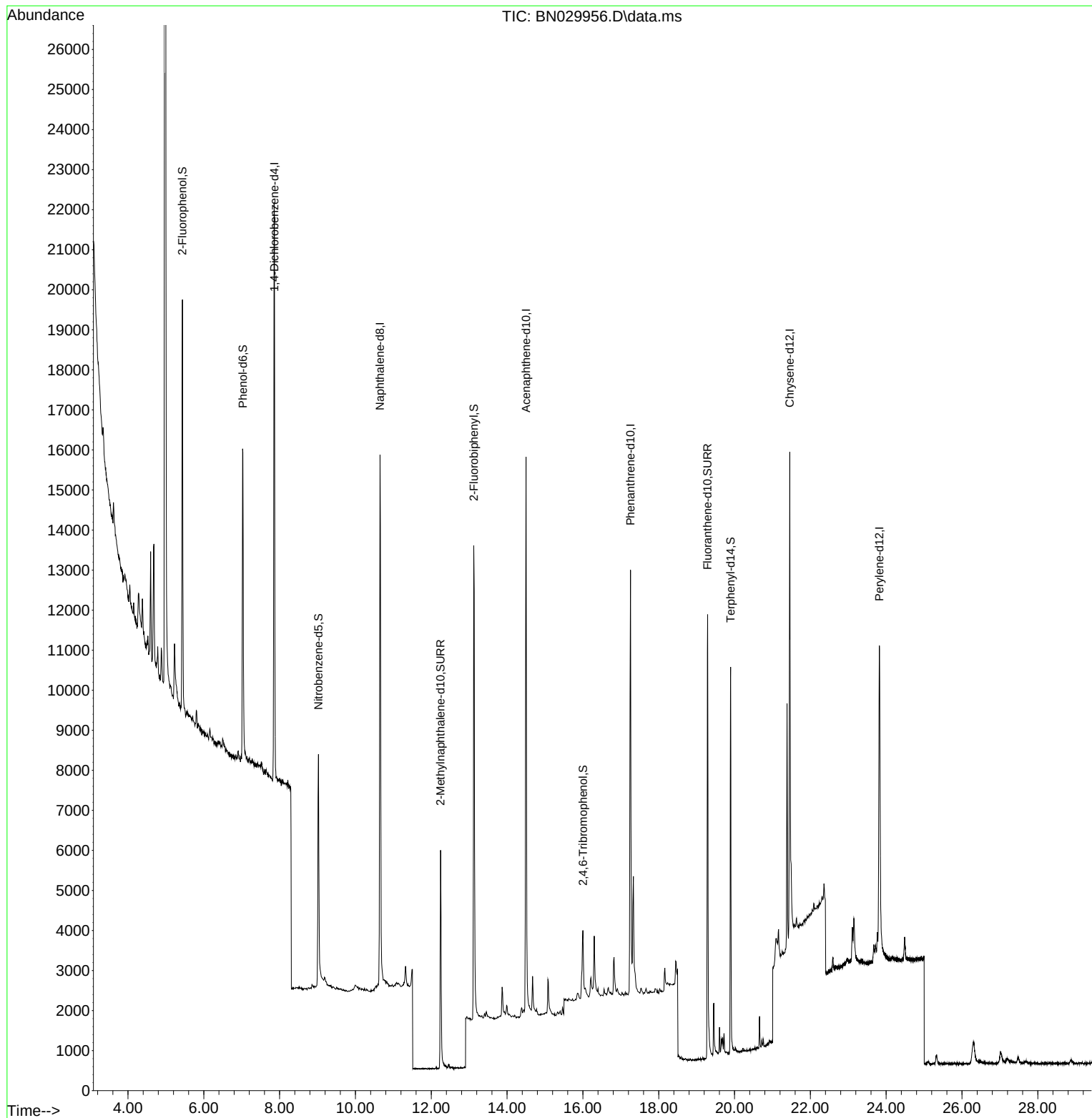
Target Compounds Qvalue

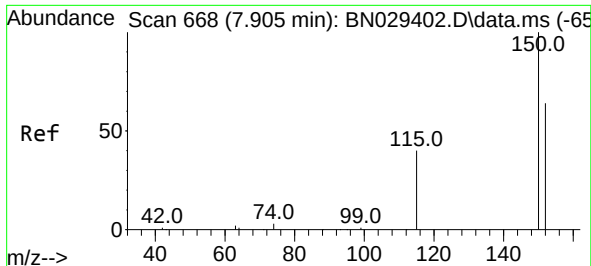
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN022324\  
Data File : BN029956.D  
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Operator : MA/JU  
Sample : PB159108BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB159108BL

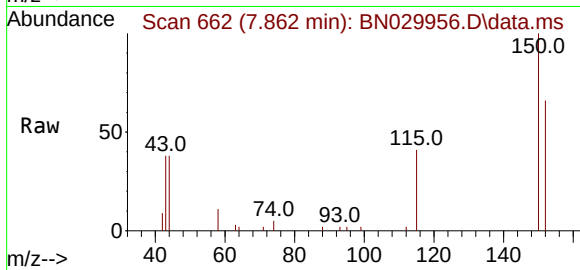
Quant Time: Feb 23 17:10:33 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Feb 16 23:52:05 2024  
Response via : Initial Calibration



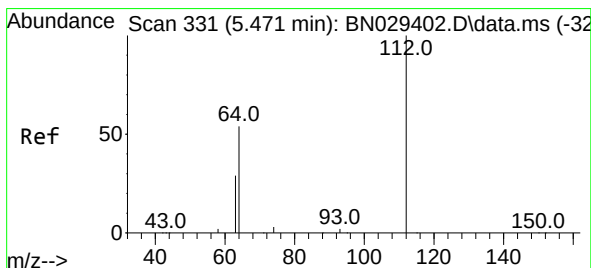
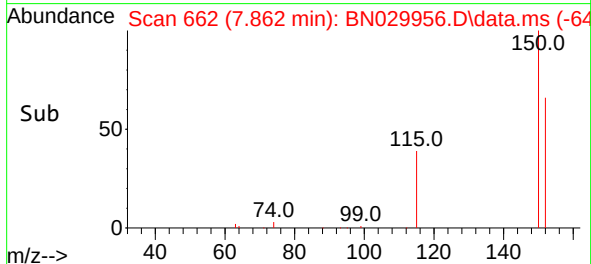
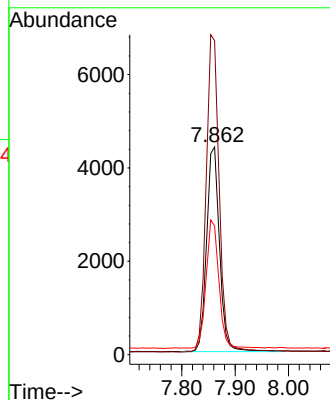


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.862 min Scan# 60  
 Delta R.T. -0.007 min  
 Lab File: BN029956.D  
 Acq: 23 Feb 2024 14:52

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB159108BL

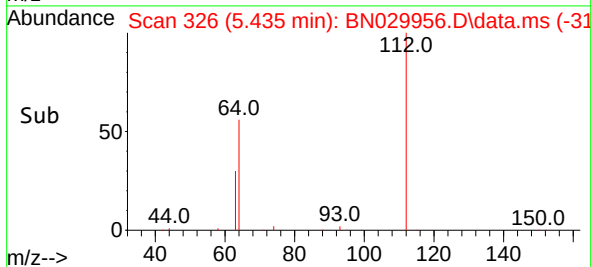
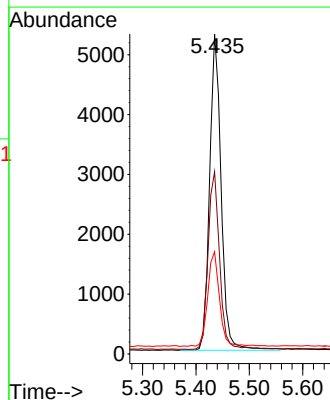
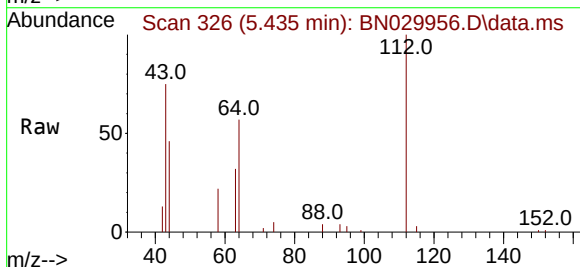


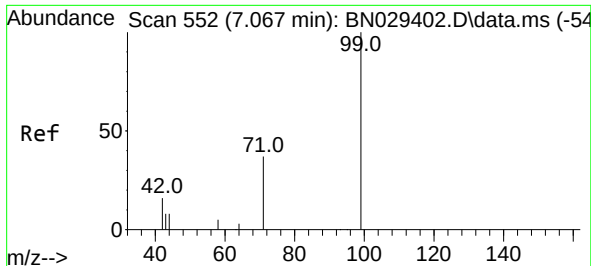
Tgt Ion:152 Resp: 7409  
 Ion Ratio Lower Upper  
 152 100  
 150 151.2 123.0 184.4  
 115 62.0 51.4 77.0



#4  
 2-Fluorophenol  
 Concen: 0.446 ng  
 RT: 5.435 min Scan# 326  
 Delta R.T. -0.007 min  
 Lab File: BN029956.D  
 Acq: 23 Feb 2024 14:52

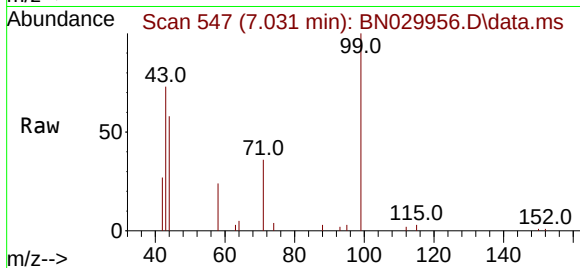
Tgt Ion:112 Resp: 7935  
 Ion Ratio Lower Upper  
 112 100  
 64 56.7 47.2 70.8  
 63 30.9 25.8 38.6



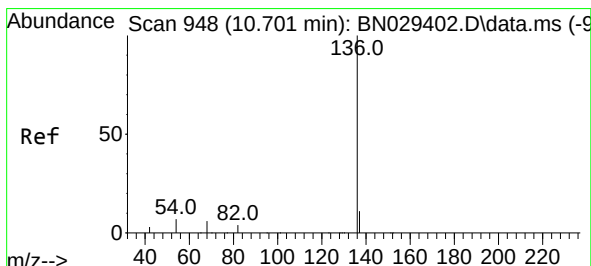
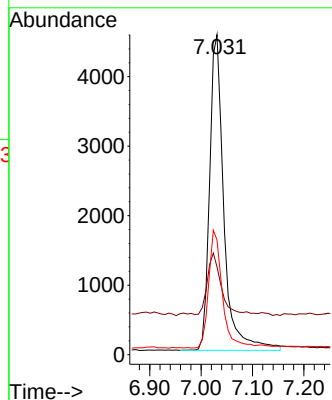
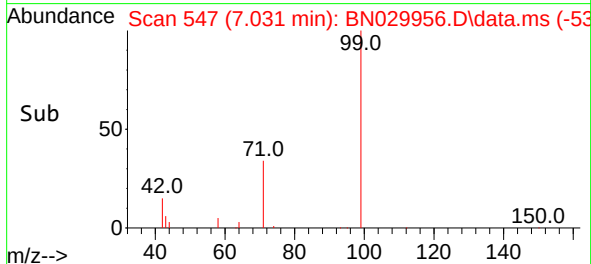


#5  
Phenol-d6  
Concen: 0.426 ng  
RT: 7.031 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

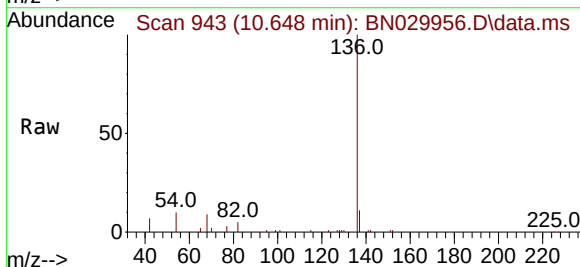
Instrument :  
BNA\_N  
ClientSampleId :  
PB159108BL



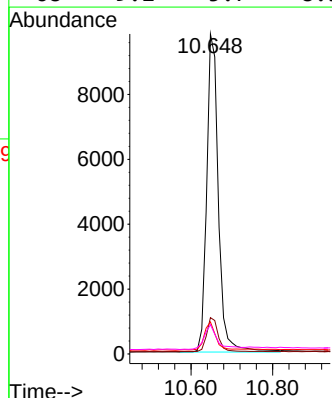
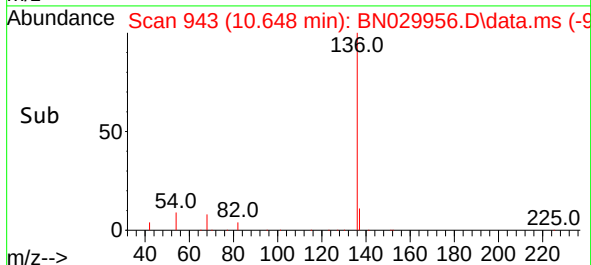
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 8758  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 19.0  | 16.9  | 25.3  |
| 71       | 36.7  | 30.0  | 45.0  |

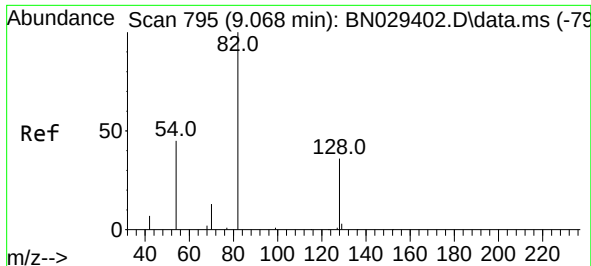


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 943  
Delta R.T. -0.021 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 19550 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.7   | 14.5  |
| 54       | 10.0  | 6.6   | 10.0# |
| 68       | 9.2   | 5.7   | 8.5#  |

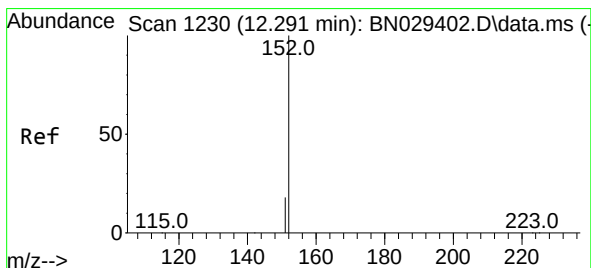
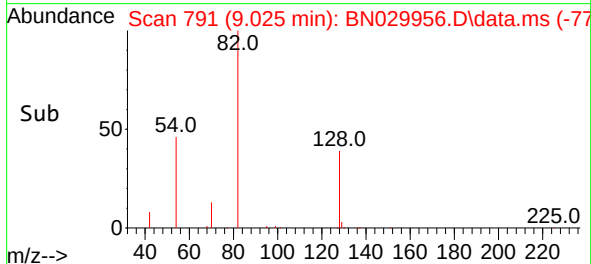
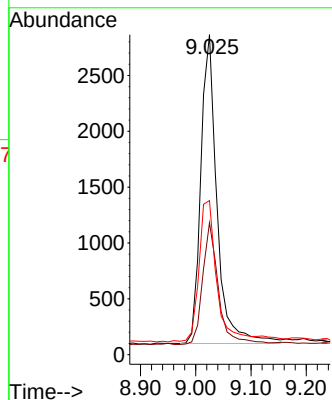
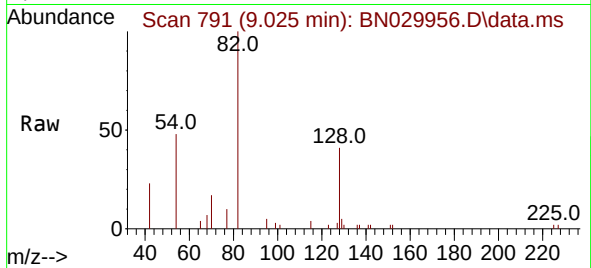




#8  
Nitrobenzene-d5  
Concen: 0.347 ng  
RT: 9.025 min Scan# 795  
Delta R.T. -0.011 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

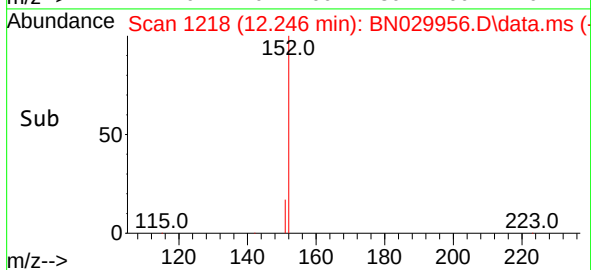
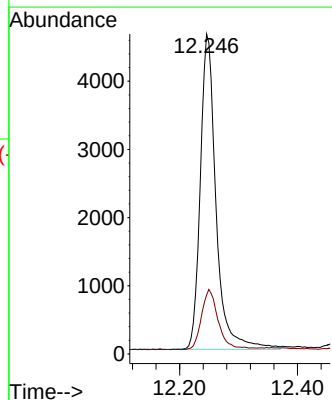
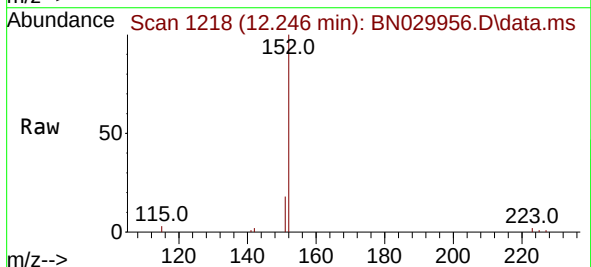
Instrument :  
BNA\_N  
ClientSampleId :  
PB159108BL

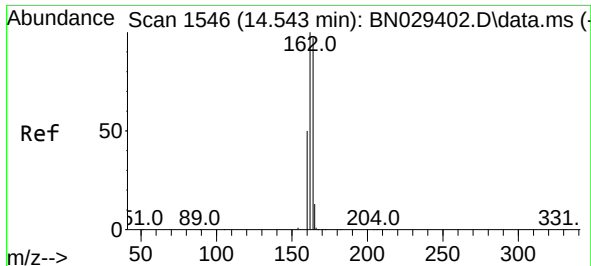
Tgt Ion: 82 Resp: 5652  
Ion Ratio Lower Upper  
82 100  
128 41.3 31.6 47.4  
54 48.1 38.2 57.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.322 ng  
RT: 12.246 min Scan# 1218  
Delta R.T. -0.011 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

Tgt Ion: 152 Resp: 8582  
Ion Ratio Lower Upper  
152 100  
151 20.4 17.1 25.7

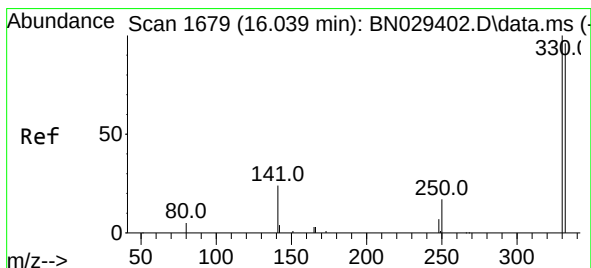
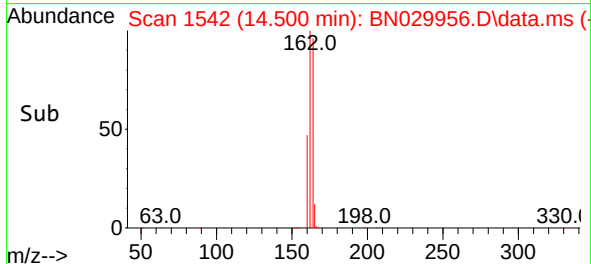
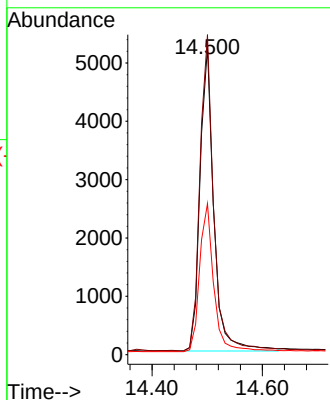
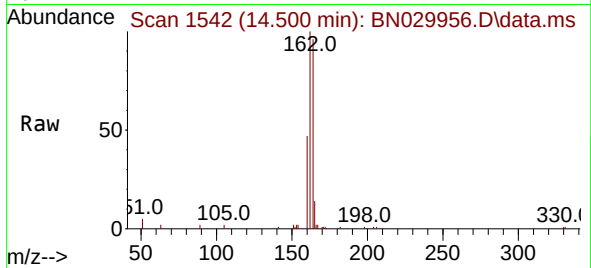




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.500 min Scan# 1542  
 Delta R.T. -0.011 min  
 Lab File: BN029956.D  
 Acq: 23 Feb 2024 14:52

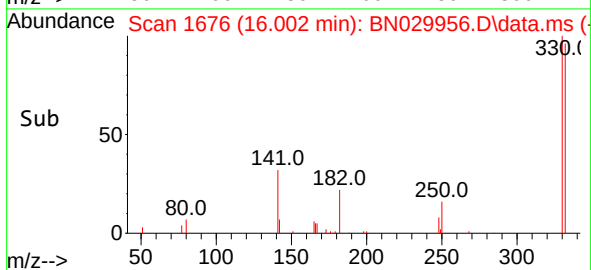
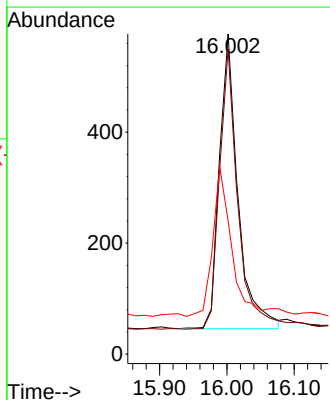
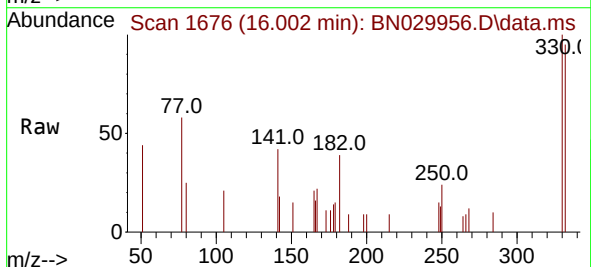
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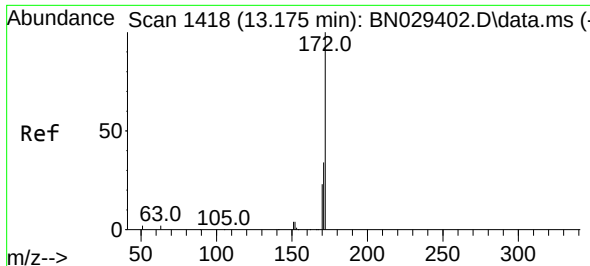
Tgt Ion:164 Resp: 9100  
 Ion Ratio Lower Upper  
 164 100  
 162 104.1 82.6 123.8  
 160 49.1 41.5 62.3



#14  
 2,4,6-Tribromophenol  
 Concen: 0.349 ng  
 RT: 16.002 min Scan# 1676  
 Delta R.T. -0.000 min  
 Lab File: BN029956.D  
 Acq: 23 Feb 2024 14:52

Tgt Ion:330 Resp: 1020  
 Ion Ratio Lower Upper  
 330 100  
 332 94.0 76.0 114.0  
 141 52.8 43.4 65.2

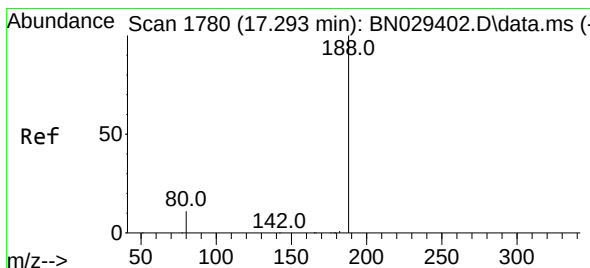
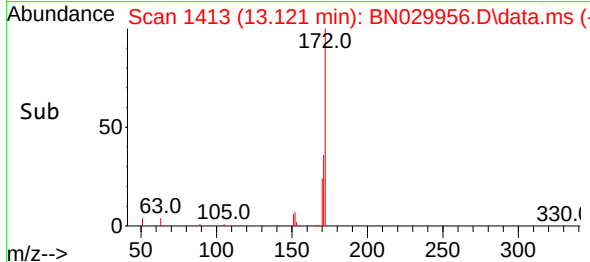
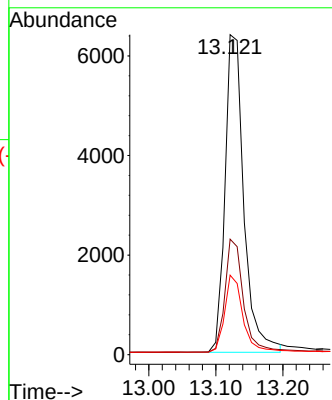
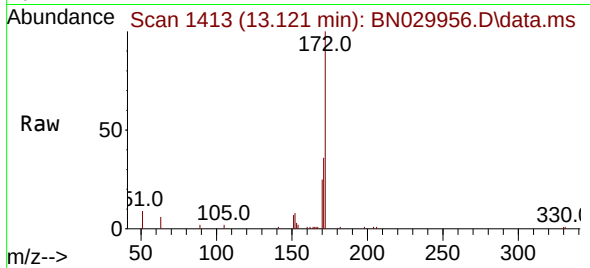




#15  
2-Fluorobiphenyl  
Concen: 0.320 ng  
RT: 13.121 min Scan# 1418  
Delta R.T. -0.011 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

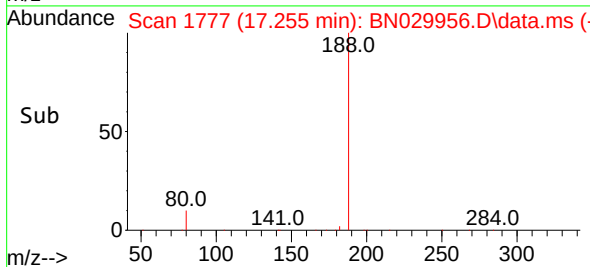
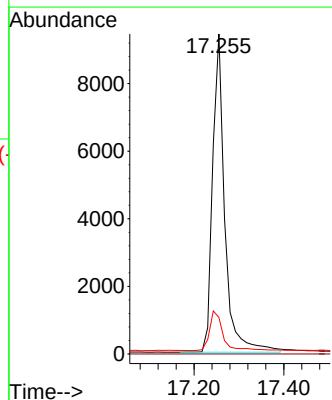
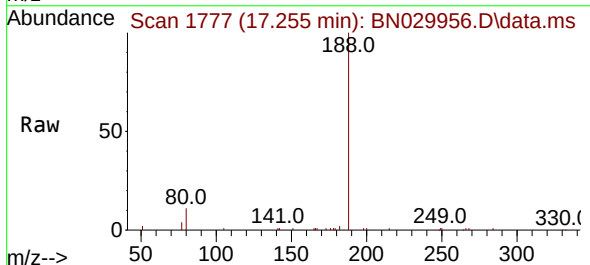
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BNA\_N  
ClientSampleId :  
PB159108BL

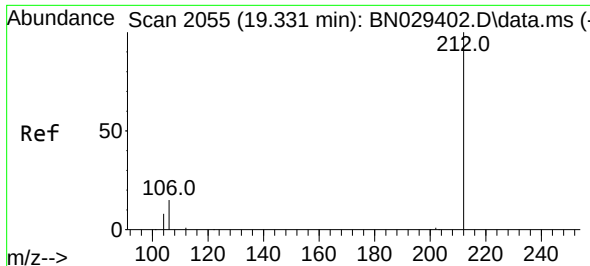
Tgt Ion:172 Resp: 12500  
Ion Ratio Lower Upper  
172 100  
171 36.1 28.0 42.0  
170 24.9 18.7 28.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.255 min Scan# 1777  
Delta R.T. -0.000 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

Tgt Ion:188 Resp: 17655  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.4 10.0 15.0

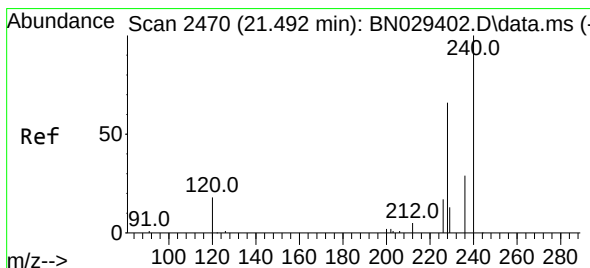
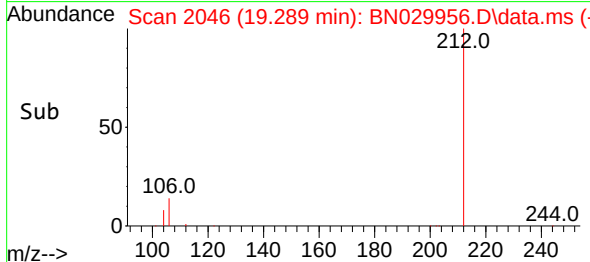
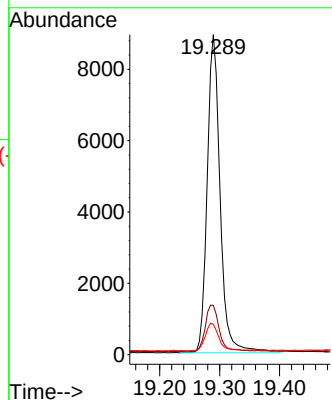
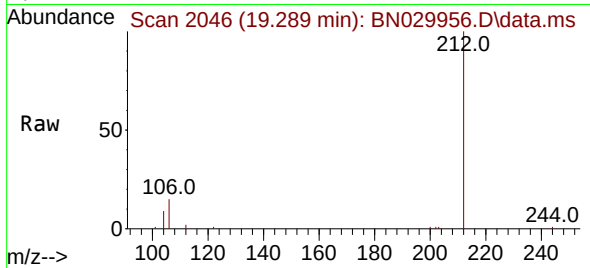




#27  
Fluoranthene-d10  
Concen: 0.312 ng  
RT: 19.289 min Scan# 2055  
Delta R.T. -0.009 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

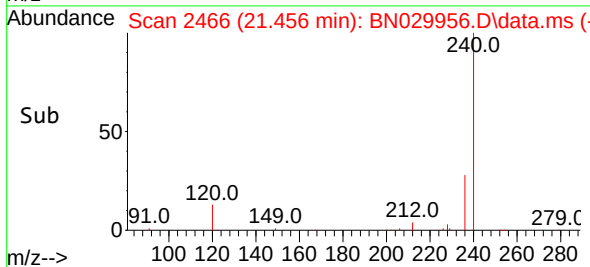
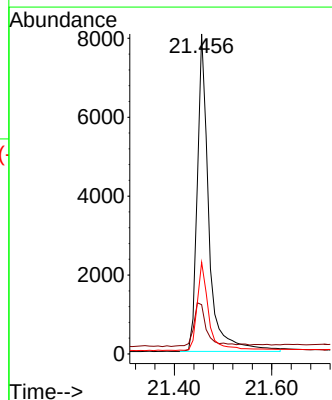
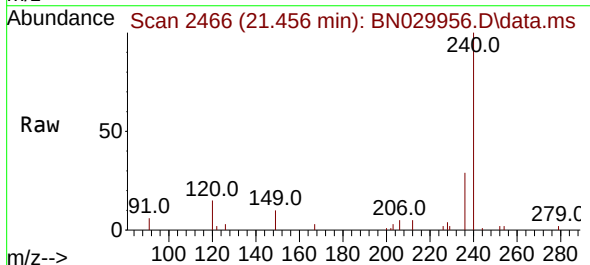
Instrument :  
BNA\_N  
ClientSampleId :  
PB159108BL

Tgt Ion:212 Resp: 13353  
Ion Ratio Lower Upper  
212 100  
106 15.8 13.2 19.8  
104 9.1 7.7 11.5

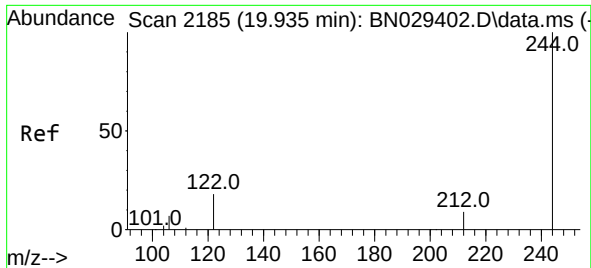


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.456 min Scan# 2466  
Delta R.T. -0.009 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

Tgt Ion:240 Resp: 13204  
Ion Ratio Lower Upper  
240 100  
120 15.4 16.7 25.1#  
236 28.7 23.9 35.9



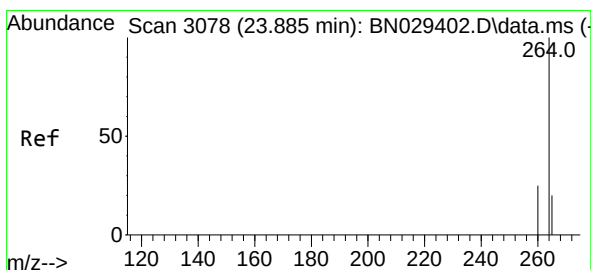
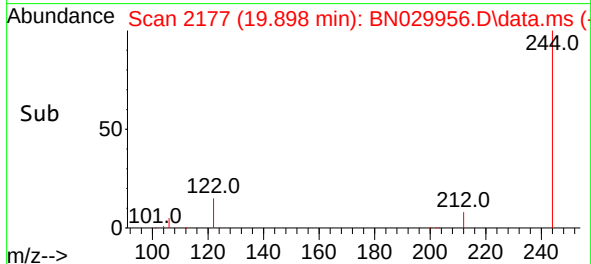
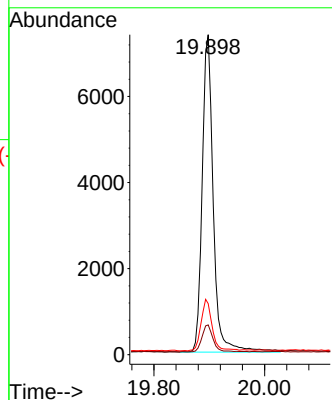
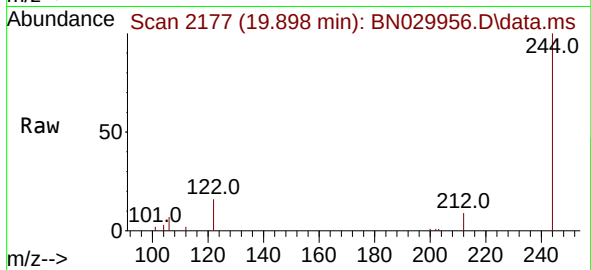




#31  
Terphenyl-d14  
Concen: 0.314 ng  
RT: 19.898 min Scan# 2185  
Delta R.T. -0.009 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

Instrument :  
BNA\_N  
ClientSampleId :  
PB159108BL

Tgt Ion:244 Resp: 10301  
Ion Ratio Lower Upper  
244 100  
212 9.3 8.2 12.4  
122 15.9 15.6 23.4



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.820 min Scan# 3056  
Delta R.T. -0.012 min  
Lab File: BN029956.D  
Acq: 23 Feb 2024 14:52

Tgt Ion:264 Resp: 13757  
Ion Ratio Lower Upper  
264 100  
260 25.8 21.2 31.8  
265 51.8 41.5 62.3

