

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050824\  
 Data File : BN031433.D  
 Acq On : 08 May 2024 10:59  
 Operator : MA/JU  
 Sample : PB160696BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160696BL

Quant Time: May 08 12:07:29 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050724.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 07 17:14:43 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.567  | 152  | 6382     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.336 | 136  | 18759    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.210 | 164  | 6183     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.966 | 188  | 22335    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.175 | 240  | 10489    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.358 | 264  | 16438    | 0.400 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.162  | 112  | 5267     | 0.352 | ng    | 0.00     |
| 5) Phenol-d6                | 6.750  | 99   | 5189     | 0.292 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.723  | 82   | 2041     | 0.124 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 11.937 | 152  | 8740     | 0.427 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.725 | 330  | 1011     | 0.331 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.831 | 172  | 13089    | 0.572 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.007 | 212  | 19047    | 0.315 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.616 | 244  | 14161    | 0.532 | ng    | 0.00     |

Target Compounds Qvalue

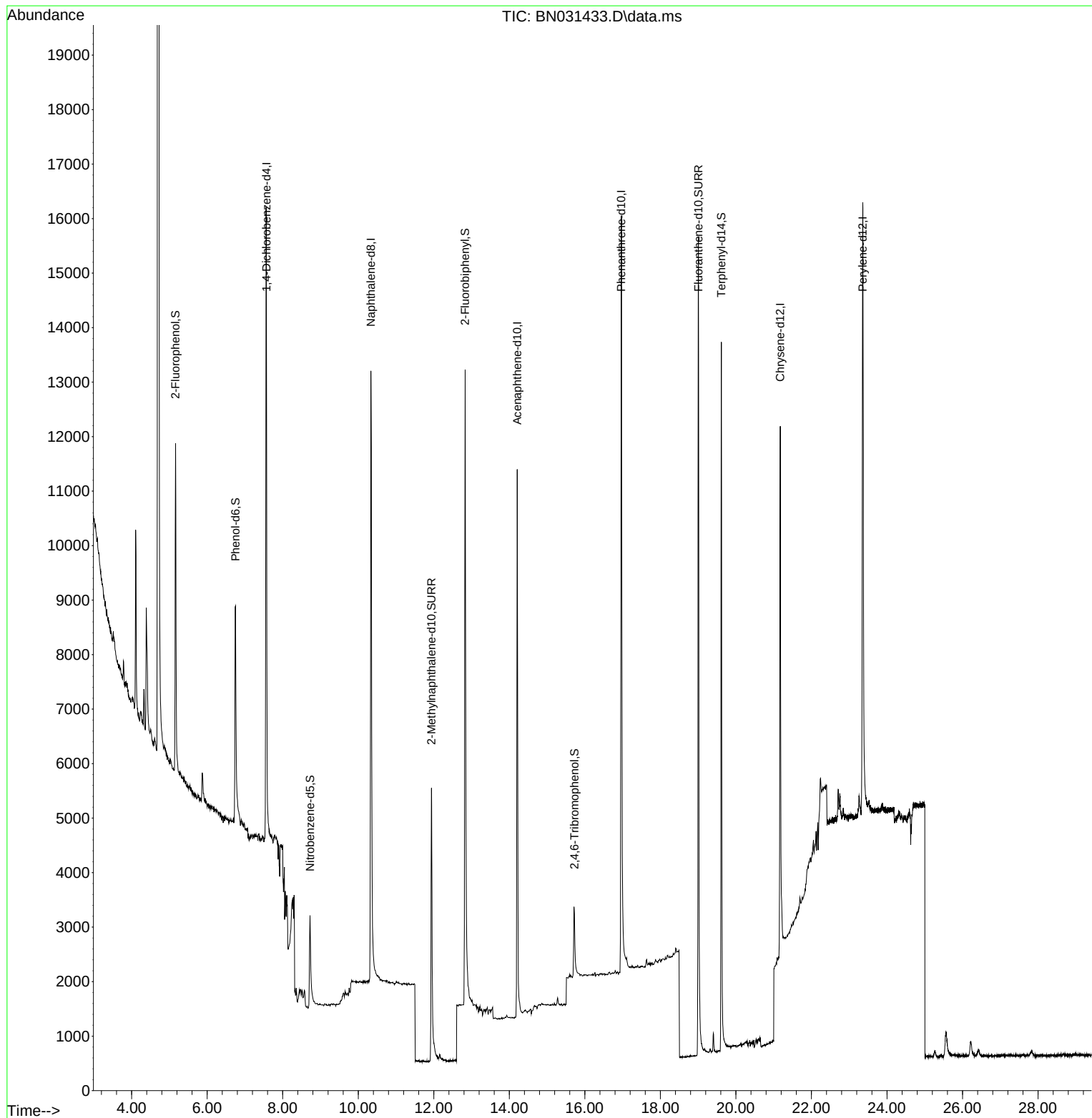
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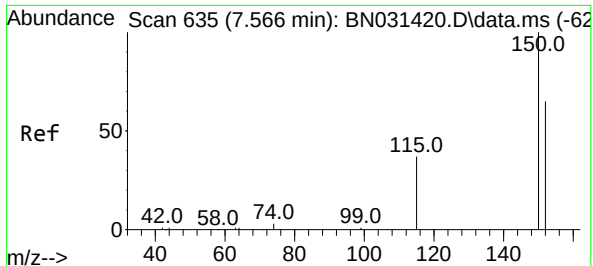
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN050824\  
Data File : BN031433.D  
Acq On : 08 May 2024 10:59  
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Sample : PB160696BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB160696BL

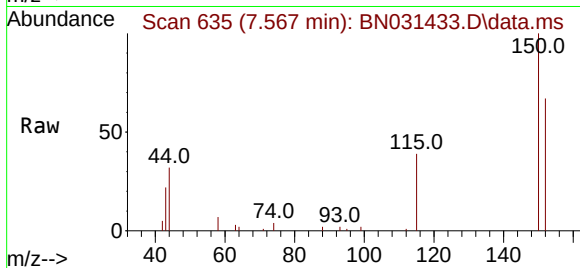
Quant Time: May 08 12:07:29 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN050724.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 07 17:14:43 2024  
Response via : Initial Calibration





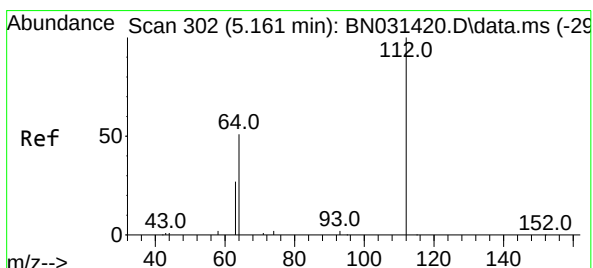
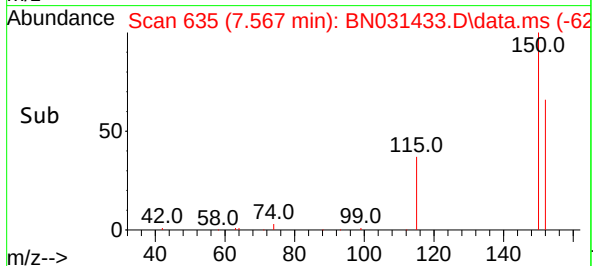
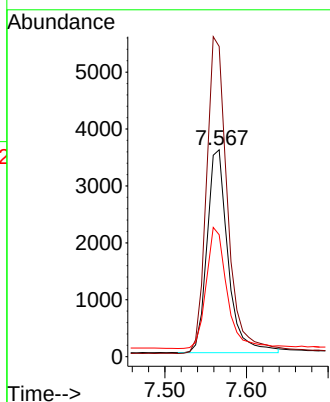
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.567 min Scan# 61  
 Delta R.T. 0.001 min  
 Lab File: BN031433.D  
 Acq: 08 May 2024 10:59

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB160696BL



Tgt Ion:152 Resp: 6382

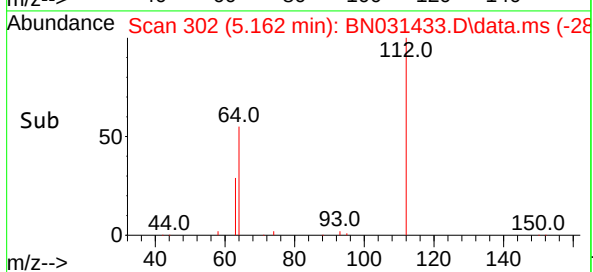
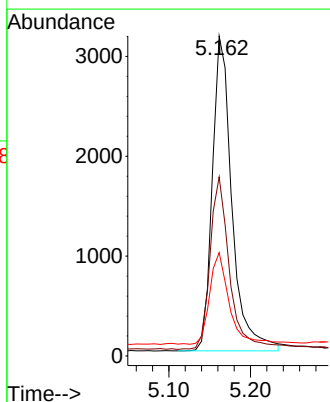
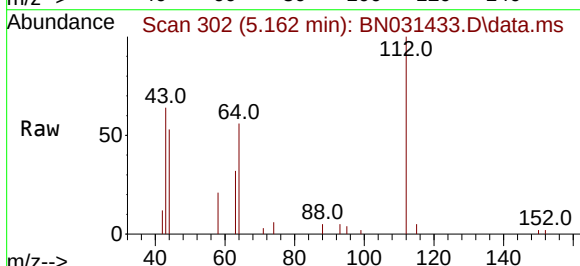
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 150.0 | 122.2 | 183.2 |
| 115 | 58.9  | 47.8  | 71.6  |

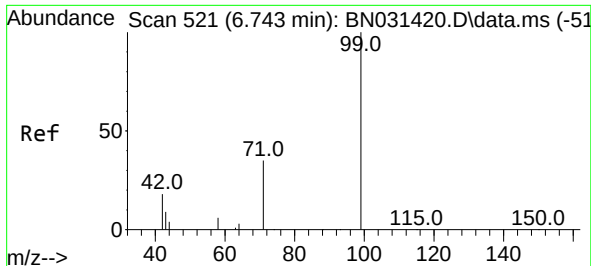


#4  
 2-Fluorophenol  
 Concen: 0.352 ng  
 RT: 5.162 min Scan# 302  
 Delta R.T. 0.000 min  
 Lab File: BN031433.D  
 Acq: 08 May 2024 10:59

Tgt Ion:112 Resp: 5267

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 54.3  | 42.4  | 63.6  |
| 63  | 28.9  | 22.6  | 34.0  |

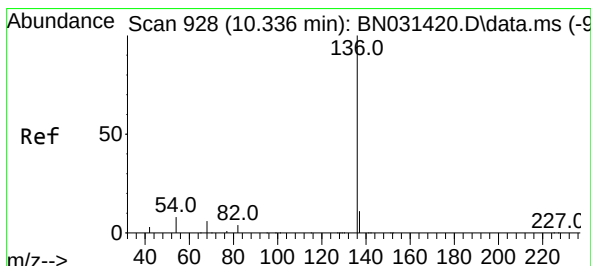
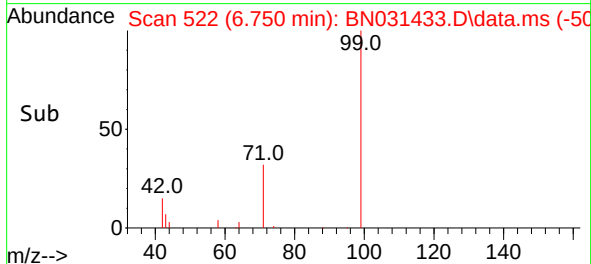
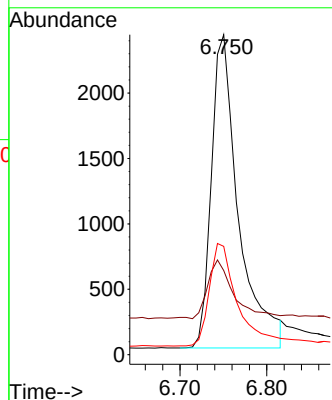
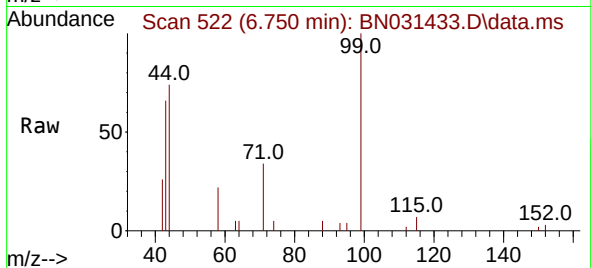




#5  
Phenol-d6  
Concen: 0.292 ng  
RT: 6.750 min Scan# 51  
Delta R.T. 0.007 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

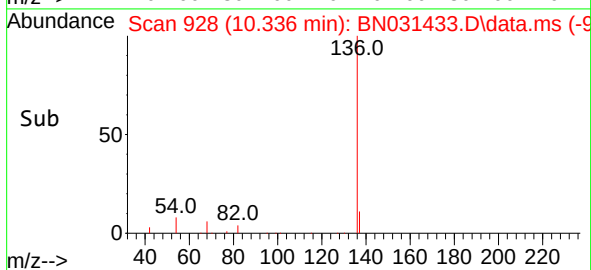
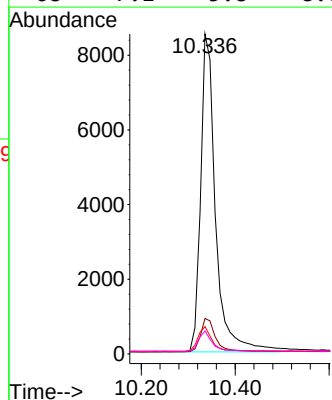
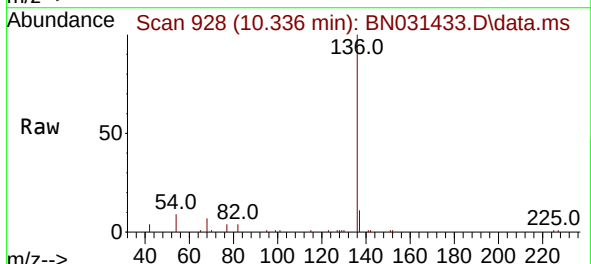
Instrument :  
BNA\_N  
ClientSampleId :  
PB160696BL

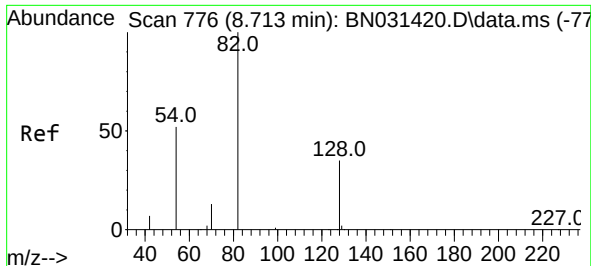
Tgt Ion: 99 Resp: 5189  
Ion Ratio Lower Upper  
99 100  
42 18.5 15.8 23.8  
71 33.7 27.8 41.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.336 min Scan# 928  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

Tgt Ion: 136 Resp: 18759  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.6 14.4  
54 8.6 7.2 10.8  
68 7.1 5.8 8.6

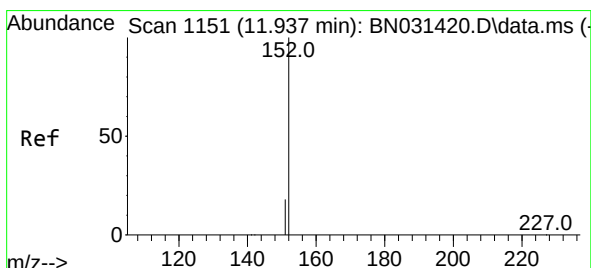
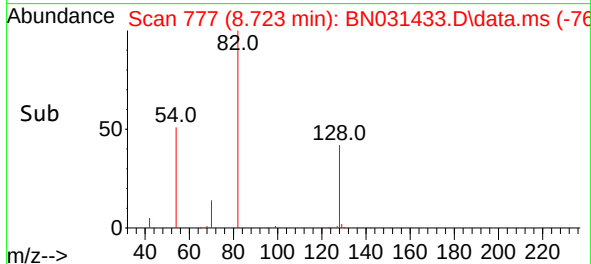
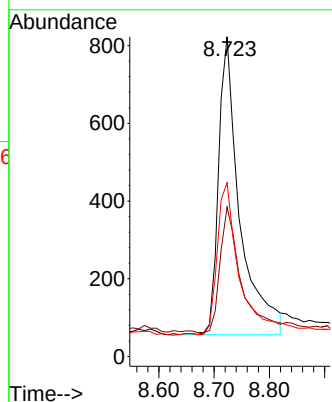
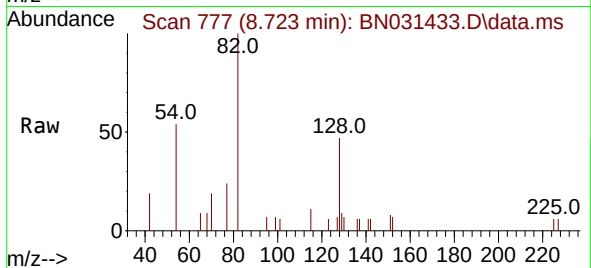




#8  
Nitrobenzene-d5  
Concen: 0.124 ng  
RT: 8.723 min Scan# 776  
Delta R.T. 0.011 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

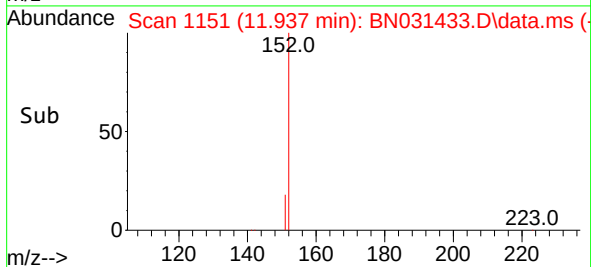
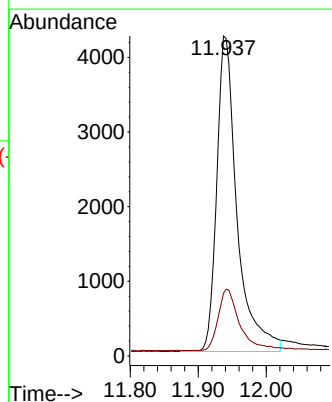
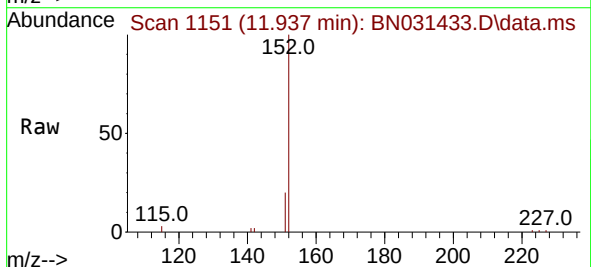
Instrument :  
BNA\_N  
ClientSampleId :  
PB160696BL

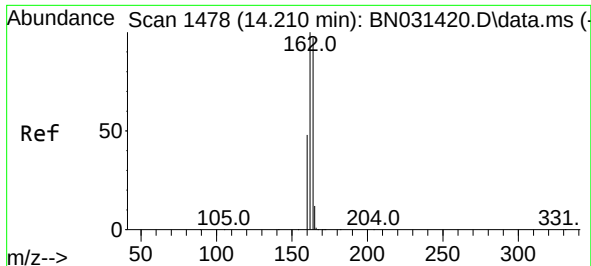
Tgt Ion: 82 Resp: 2041  
Ion Ratio Lower Upper  
82 100  
128 46.7 30.0 45.0#  
54 54.3 43.4 65.0



#11  
2-Methylnaphthalene-d10  
Concen: 0.427 ng  
RT: 11.937 min Scan# 1151  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

Tgt Ion: 152 Resp: 8740  
Ion Ratio Lower Upper  
152 100  
151 20.7 16.7 25.1

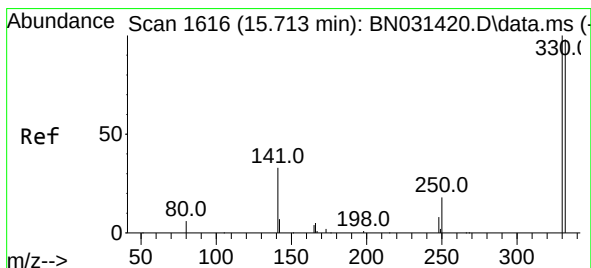
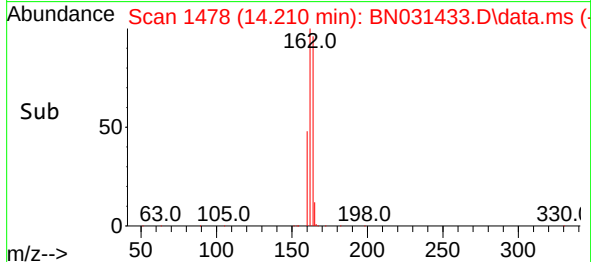
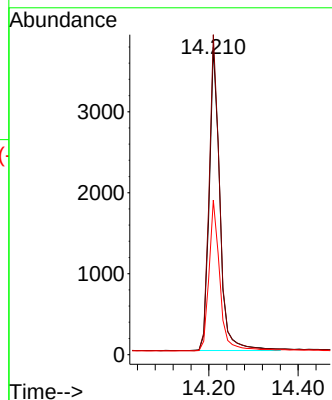
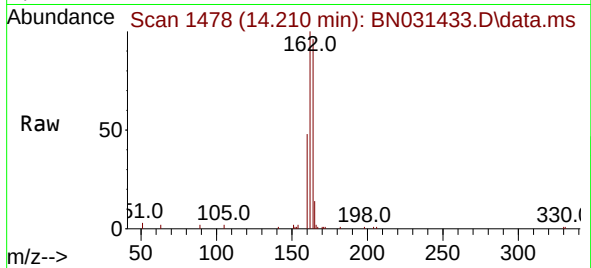




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.210 min Scan# 1478  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

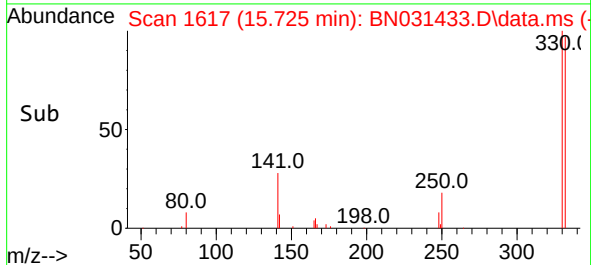
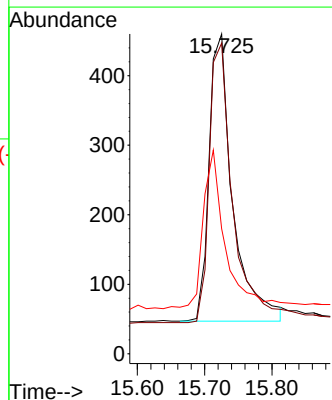
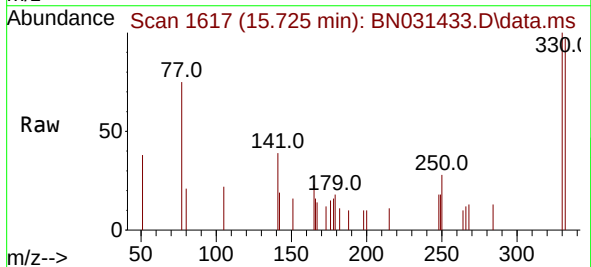
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ClientSampleId :  
PB160696BL

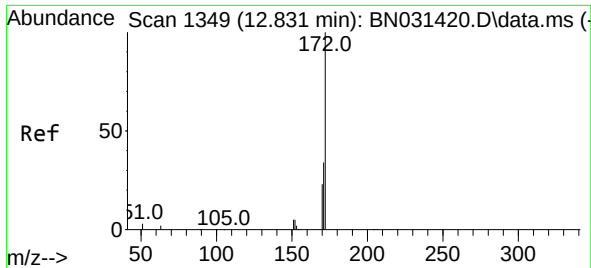
Tgt Ion:164 Resp: 6183  
Ion Ratio Lower Upper  
164 100  
162 104.1 82.3 123.5  
160 50.3 40.2 60.2



#14  
2,4,6-Tribromophenol  
Concen: 0.331 ng  
RT: 15.725 min Scan# 1617  
Delta R.T. 0.012 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

Tgt Ion:330 Resp: 1011  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.5 116.3  
141 51.7 39.3 58.9

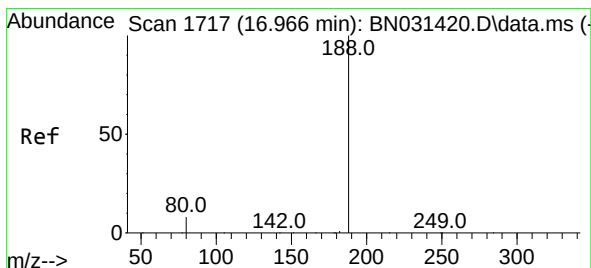
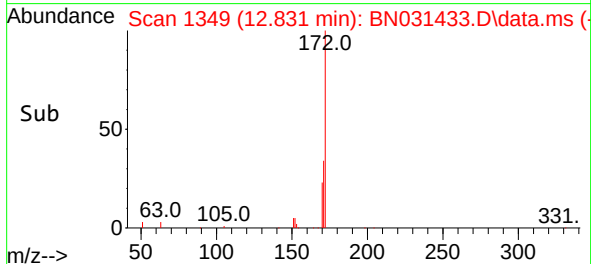
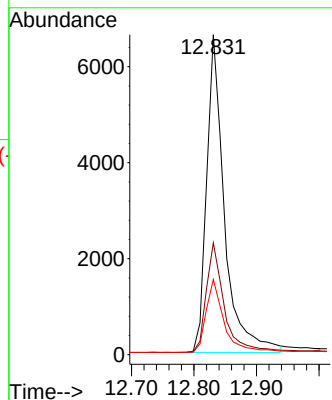
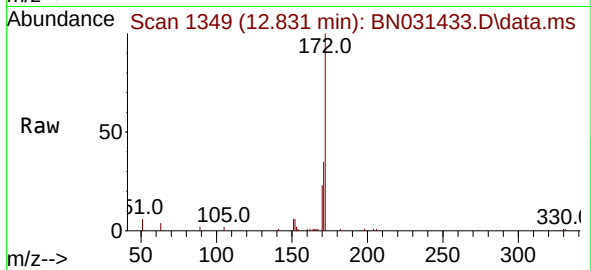




#15  
2-Fluorobiphenyl  
Concen: 0.572 ng  
RT: 12.831 min Scan# 1349  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

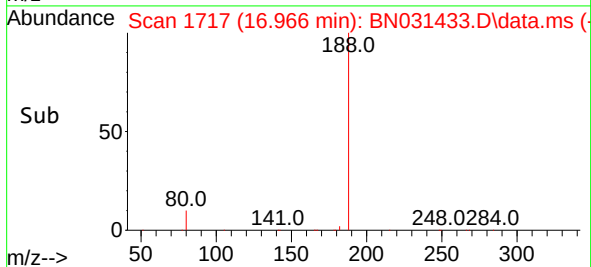
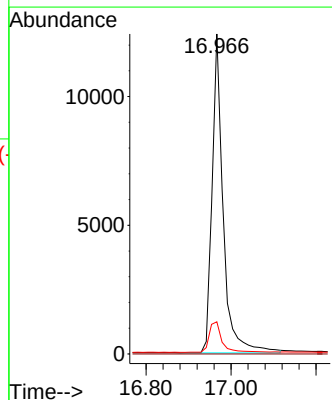
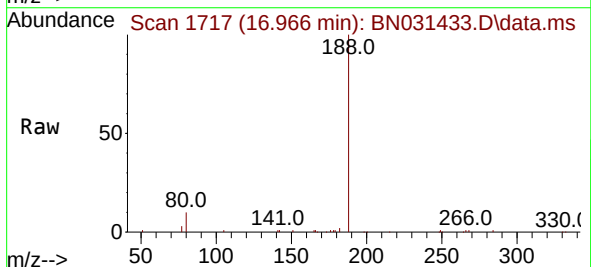
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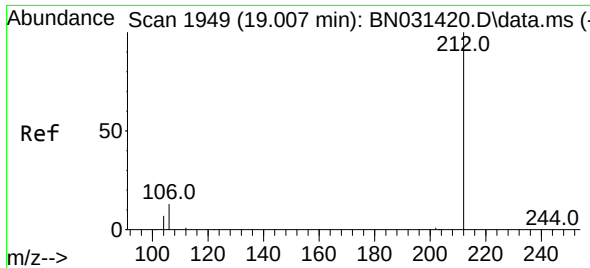
Tgt Ion:172 Resp: 13089  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.0 42.0  
170 23.5 18.9 28.3



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.966 min Scan# 1717  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

Tgt Ion:188 Resp: 22335  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.1 6.8 10.2

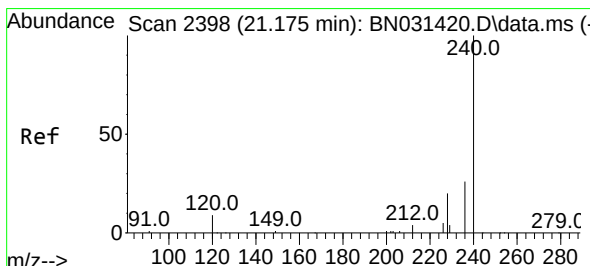
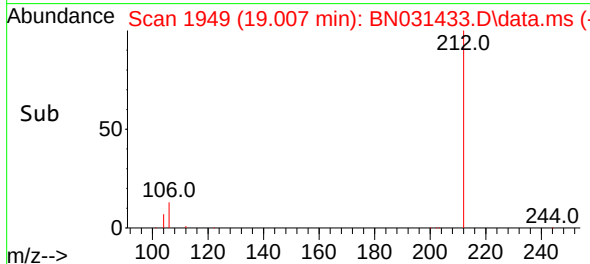
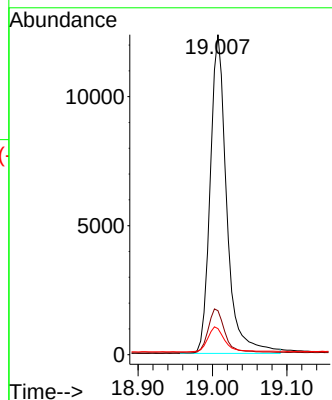
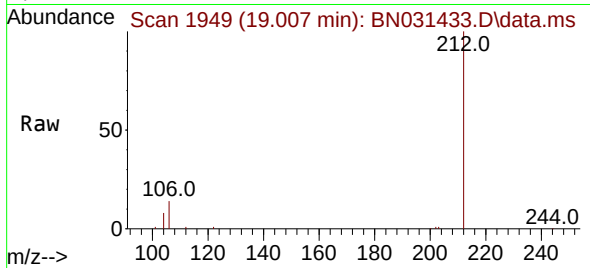




#27  
Fluoranthene-d10  
Concen: 0.315 ng  
RT: 19.007 min Scan# 1949  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

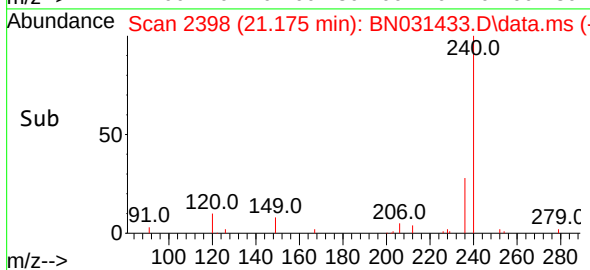
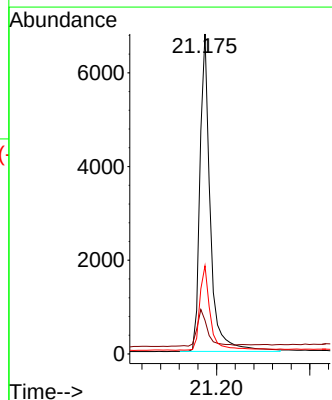
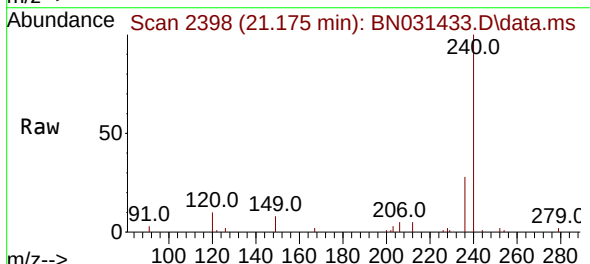
Instrument :  
BNA\_N  
ClientSampleId :  
PB160696BL

Tgt Ion:212 Resp: 19047  
Ion Ratio Lower Upper  
212 100  
106 14.1 11.5 17.3  
104 7.9 6.4 9.6

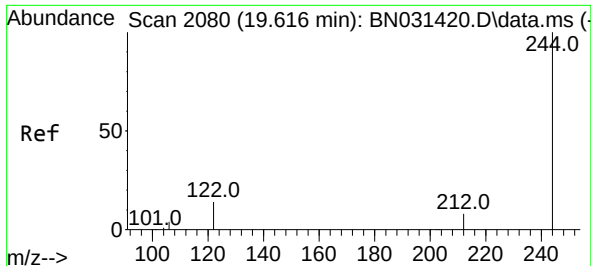


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.175 min Scan# 2398  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

Tgt Ion:240 Resp: 10489  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.9 11.9  
236 27.5 21.4 32.2

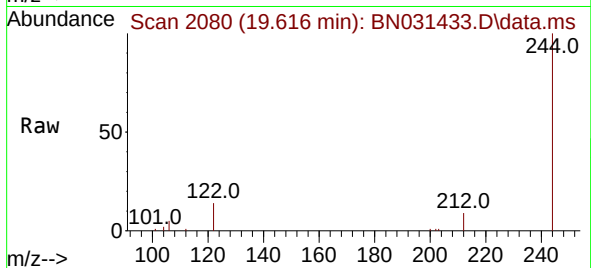




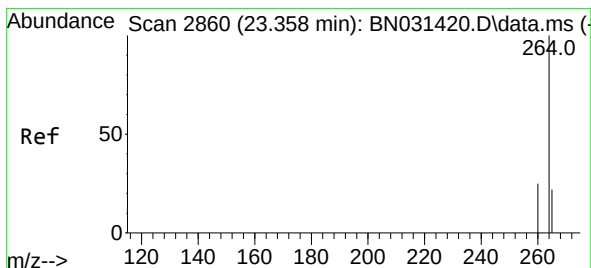
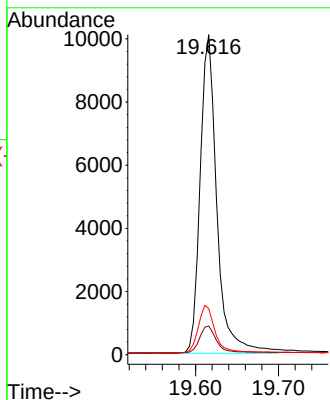
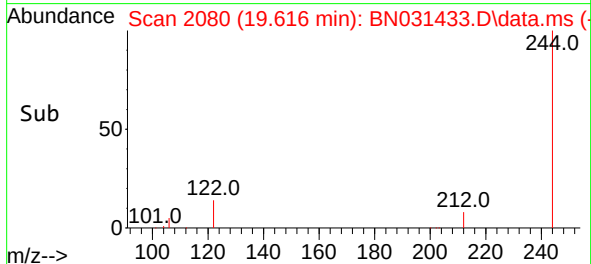


#31  
Terphenyl-d14  
Concen: 0.532 ng  
RT: 19.616 min Scan# 2080  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

Instrument :  
BNA\_N  
ClientSampleId :  
PB160696BL



Tgt Ion:244 Resp: 14161  
Ion Ratio Lower Upper  
244 100  
212 9.0 6.9 10.3  
122 14.4 11.4 17.2



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.358 min Scan# 2860  
Delta R.T. 0.000 min  
Lab File: BN031433.D  
Acq: 08 May 2024 10:59

Tgt Ion:264 Resp: 16438  
Ion Ratio Lower Upper  
264 100  
260 25.4 20.2 30.4  
265 61.5 43.4 65.2

