

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072024\  
 Data File : BN032880.D  
 Acq On : 20 Jul 2024 17:11  
 Operator : MA/JU  
 Sample : PB162161BL  
 Misc :  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB162161BL

Quant Time: Jul 22 00:43:46 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN071124.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Jul 21 23:33:21 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.538  | 152  | 2752     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.325 | 136  | 8423     | 0.400 | ng    | # 0.02   |
| 13) Acenaphthene-d10        | 14.189 | 164  | 5008     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 16.954 | 188  | 8449     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12            | 21.166 | 240  | 8921     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.361 | 264  | 10758    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.176  | 112  | 2745     | 0.394 | ng    | 0.00     |
| 5) Phenol-d6                | 6.859  | 99   | 2900m    | 0.336 | ng    | 0.08     |
| 8) Nitrobenzene-d5          | 8.798  | 82   | 2117m    | 0.334 | ng    | 0.06     |
| 11) 2-Methylnaphthalene-d10 | 11.937 | 152  | 3753     | 0.291 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 15.738 | 330  | 431      | 0.201 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.820 | 172  | 5692     | 0.305 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 18.994 | 212  | 7767     | 0.355 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.593 | 244  | 6422     | 0.351 | ng    | 0.00     |

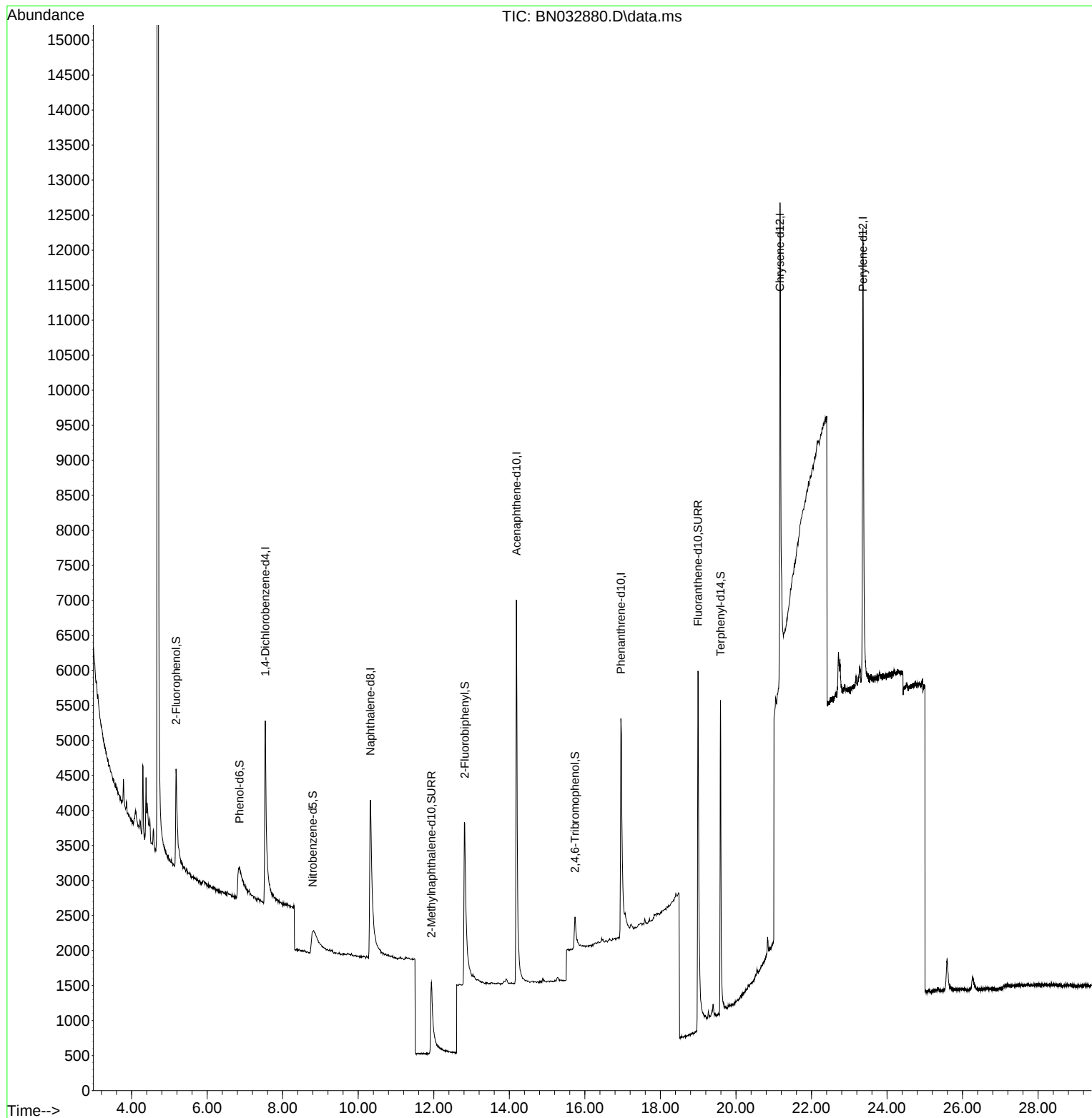
Target Compounds Qvalue

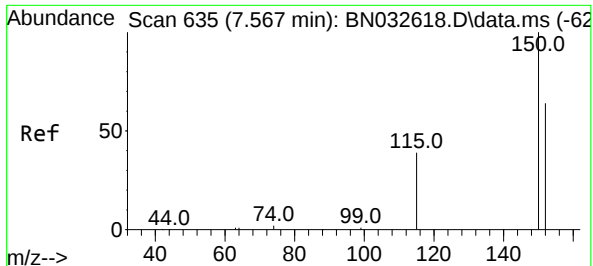
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN072024\  
Data File : BN032880.D  
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Sample : PB162161BL  
Misc :  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
BNA\_N  
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PB162161BL

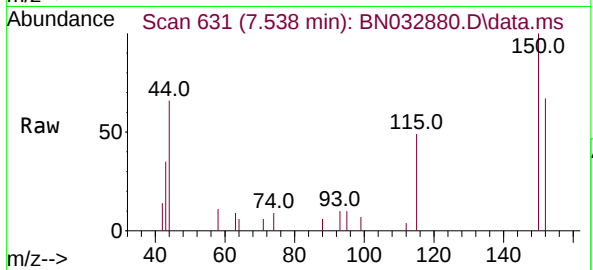
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sun Jul 21 23:33:21 2024  
Response via : Initial Calibration



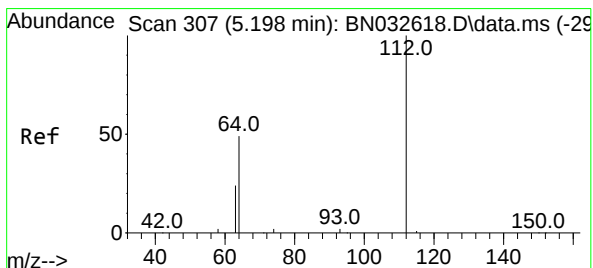
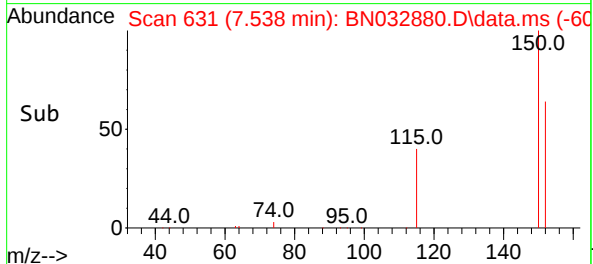
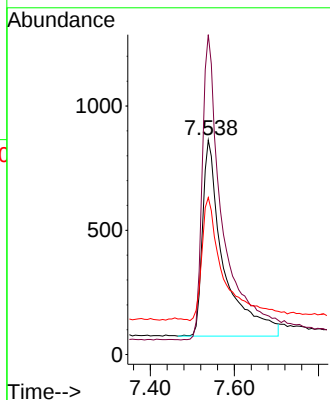


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.538 min Scan# 61  
Delta R.T. 0.007 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
PB162161BL

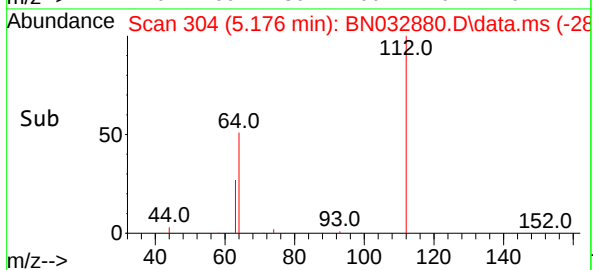
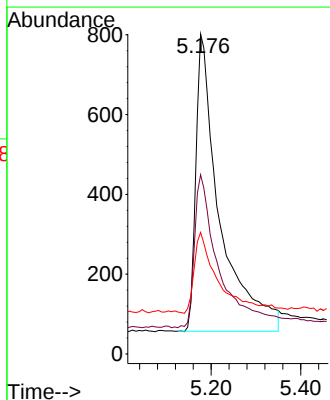
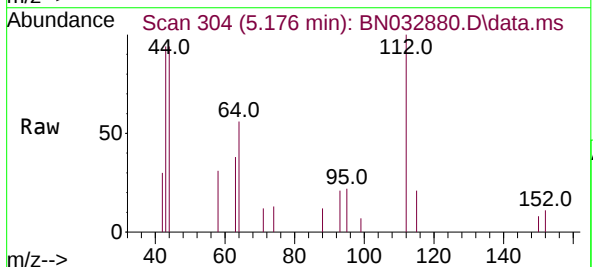


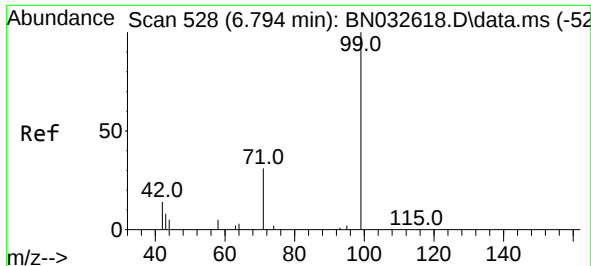
Tgt Ion:152 Resp: 2752  
Ion Ratio Lower Upper  
152 100  
150 149.1 123.8 185.6  
115 73.2 52.8 79.2



#4  
2-Fluorophenol  
Concen: 0.394 ng  
RT: 5.176 min Scan# 304  
Delta R.T. 0.000 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

Tgt Ion:112 Resp: 2745  
Ion Ratio Lower Upper  
112 100  
64 52.7 40.2 60.4  
63 26.9 22.2 33.4

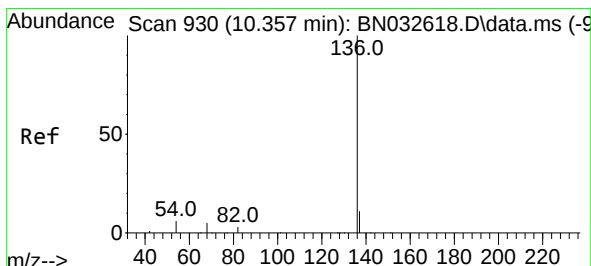
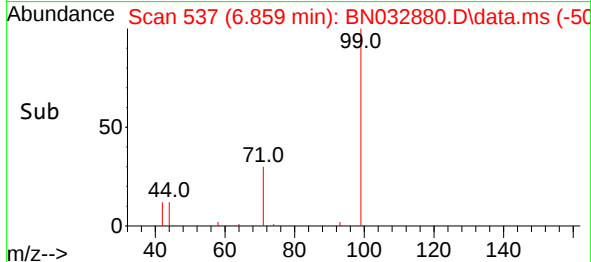
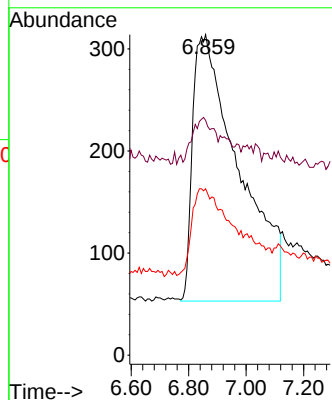
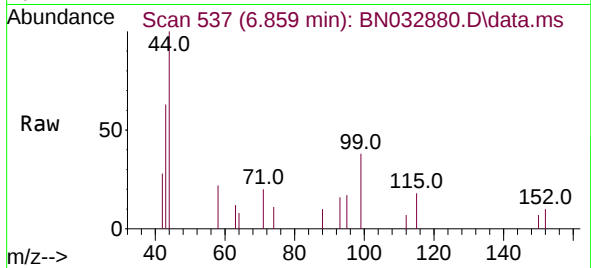




#5  
Phenol-d6  
Concen: 0.336 ng m  
RT: 6.859 min Scan# 51  
Delta R.T. 0.080 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

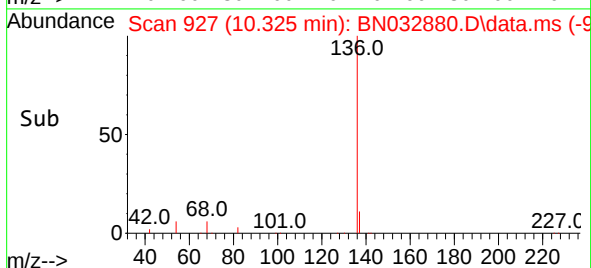
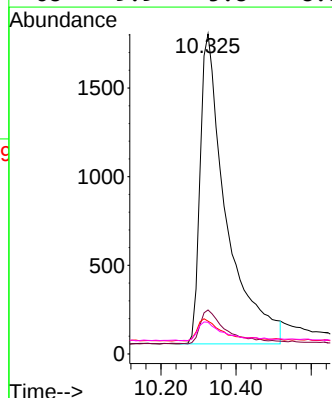
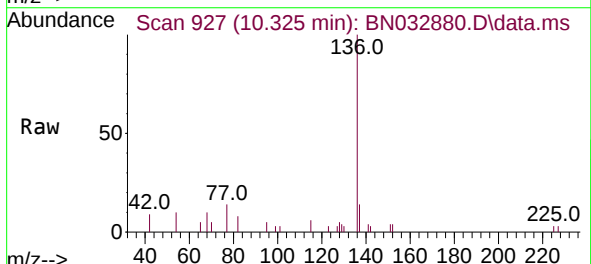
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BNA\_N  
ClientSampleId :  
PB162161BL

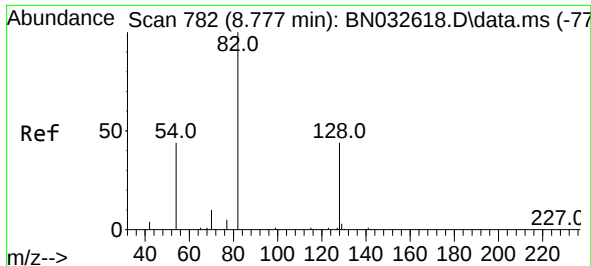
Tgt Ion: 99 Resp: 2900  
Ion Ratio Lower Upper  
99 100  
42 7.5 10.5 15.7#  
71 0.0 22.3 33.5#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.325 min Scan# 927  
Delta R.T. 0.021 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

Tgt Ion: 136 Resp: 8423  
Ion Ratio Lower Upper  
136 100  
137 13.7 9.9 14.9  
54 10.2 6.5 9.7#  
68 9.9 5.8 8.8#

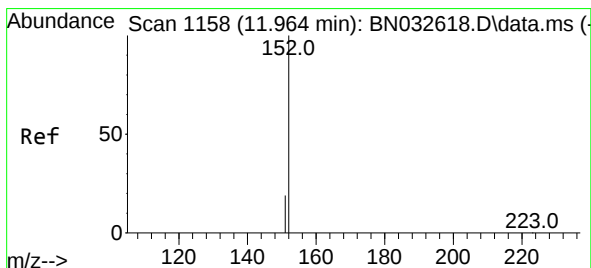
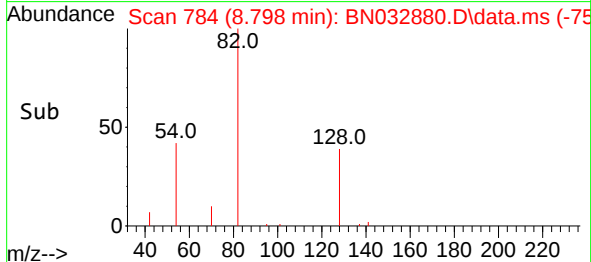
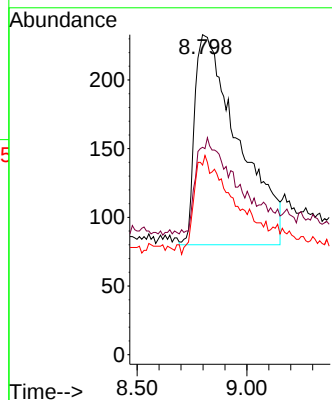
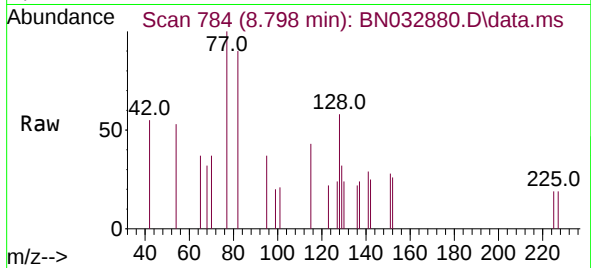




#8  
 Nitrobenzene-d5  
 Concen: 0.334 ng m  
 RT: 8.798 min Scan# 71  
 Delta R.T. 0.064 min  
 Lab File: BN032880.D  
 Acq: 20 Jul 2024 17:11

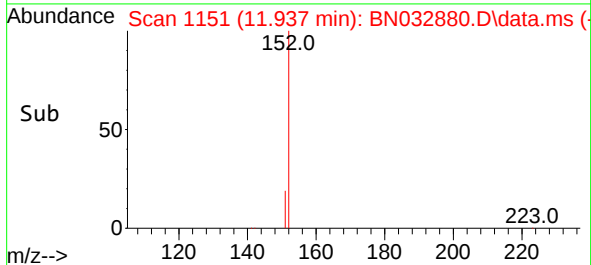
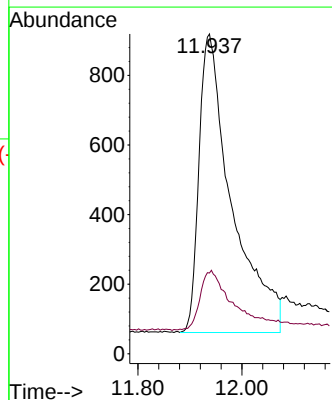
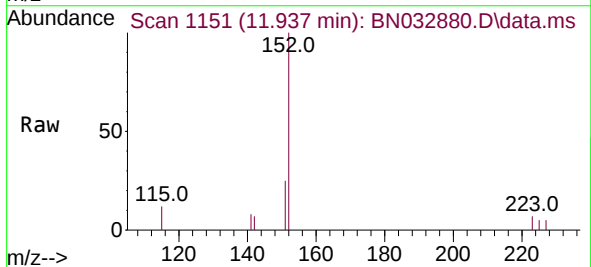
Instrument :  
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 ClientSampleId :  
 PB162161BL

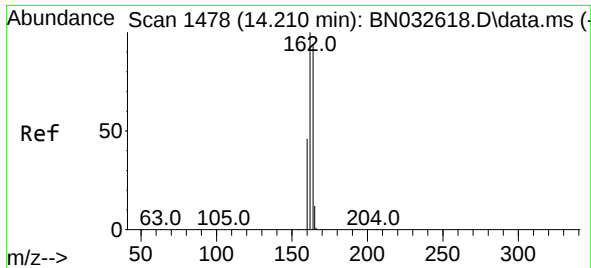
Tgt Ion: 82 Resp: 2117  
 Ion Ratio Lower Upper  
 82 100  
 128 64.8 41.7 62.5#  
 54 59.2 39.5 59.3



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.291 ng  
 RT: 11.937 min Scan# 1151  
 Delta R.T. 0.023 min  
 Lab File: BN032880.D  
 Acq: 20 Jul 2024 17:11

Tgt Ion: 152 Resp: 3753  
 Ion Ratio Lower Upper  
 152 100  
 151 21.2 16.2 24.2

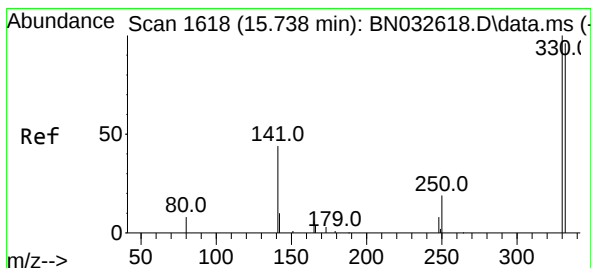
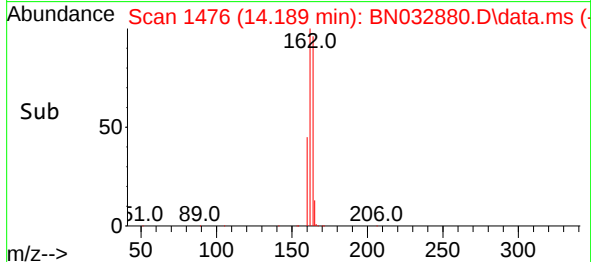
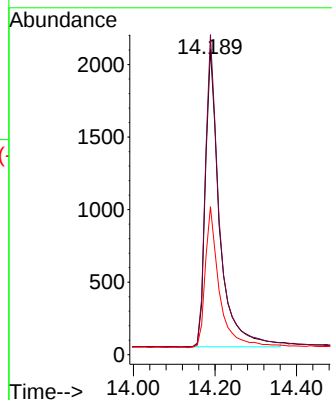
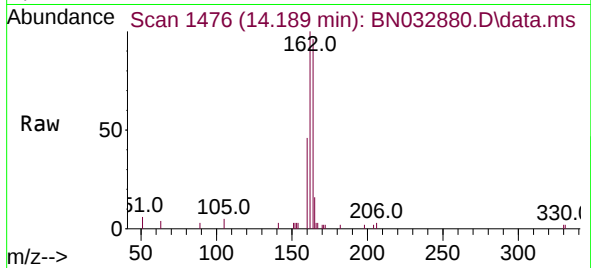




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.189 min Scan# 1476  
 Delta R.T. 0.011 min  
 Lab File: BN032880.D  
 Acq: 20 Jul 2024 17:11

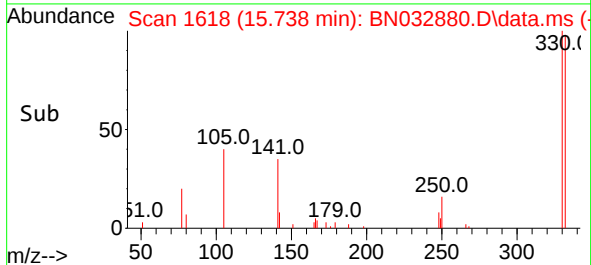
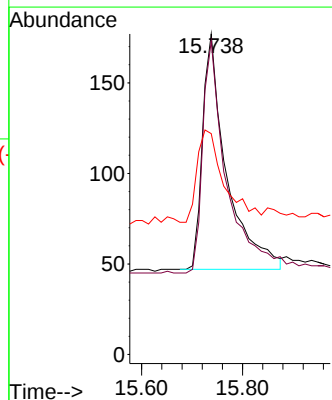
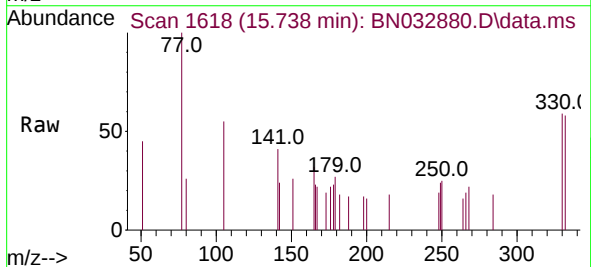
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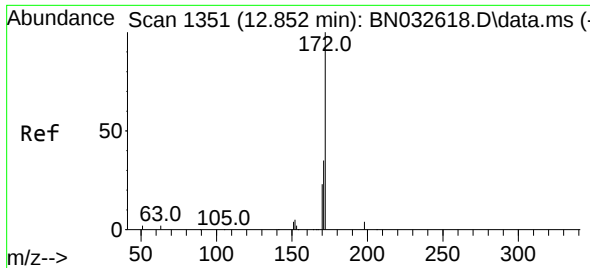
Tgt Ion:164 Resp: 5008  
 Ion Ratio Lower Upper  
 164 100  
 162 104.6 85.0 127.4  
 160 48.4 39.4 59.2



#14  
 2,4,6-Tribromophenol  
 Concen: 0.201 ng  
 RT: 15.738 min Scan# 1618  
 Delta R.T. 0.013 min  
 Lab File: BN032880.D  
 Acq: 20 Jul 2024 17:11

Tgt Ion:330 Resp: 431  
 Ion Ratio Lower Upper  
 330 100  
 332 99.3 77.8 116.8  
 141 44.5 34.2 51.2

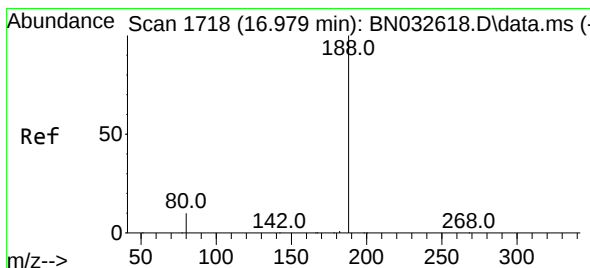
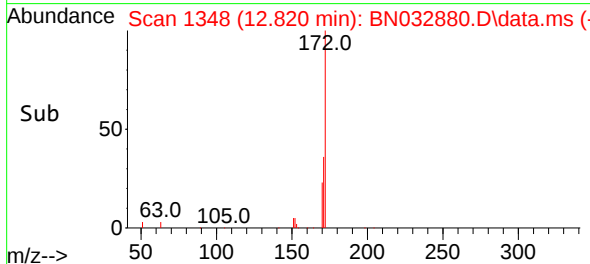
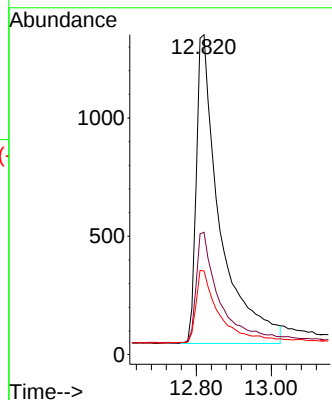
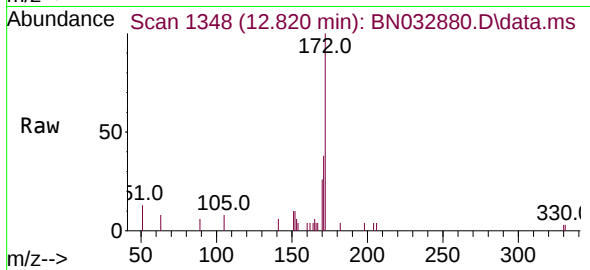




#15  
2-Fluorobiphenyl  
Concen: 0.305 ng  
RT: 12.820 min Scan# 11  
Delta R.T. 0.011 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

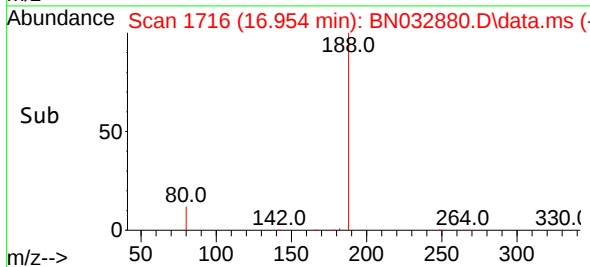
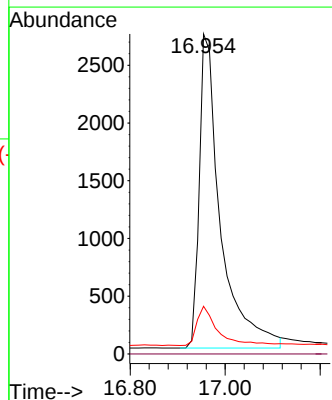
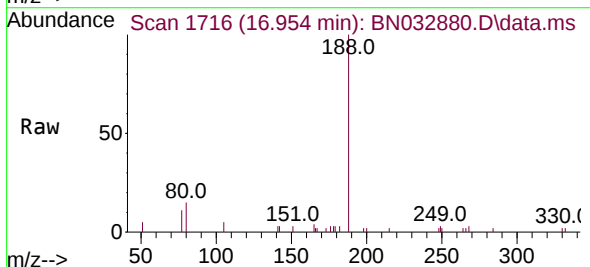
Instrument :  
BNA\_N  
ClientSampleId :  
PB162161BL

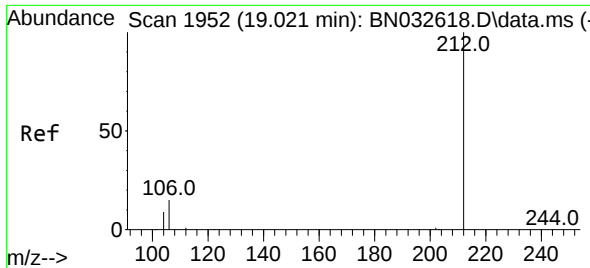
Tgt Ion:172 Resp: 5692  
Ion Ratio Lower Upper  
172 100  
171 38.2 28.6 43.0  
170 26.1 19.0 28.6



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 16.954 min Scan# 1716  
Delta R.T. 0.000 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

Tgt Ion:188 Resp: 8449  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.9 8.8 13.2#

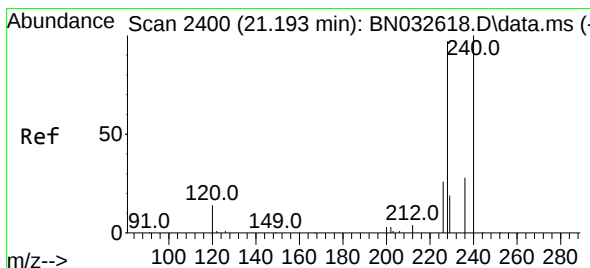
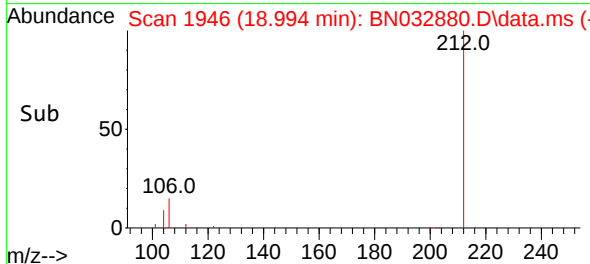
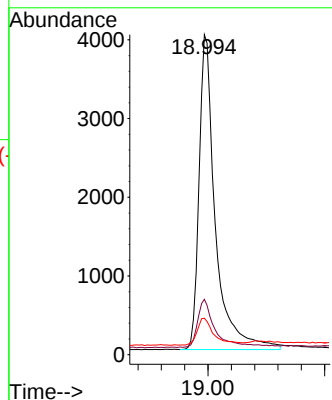
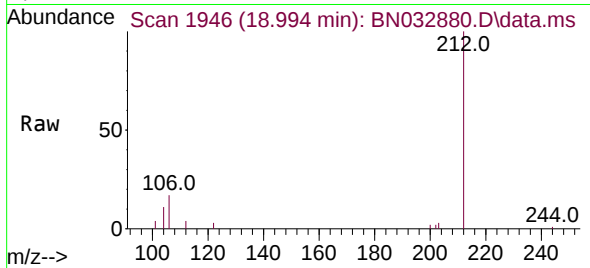




#27  
Fluoranthene-d10  
Concen: 0.355 ng  
RT: 18.994 min Scan# 1952  
Delta R.T. 0.000 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

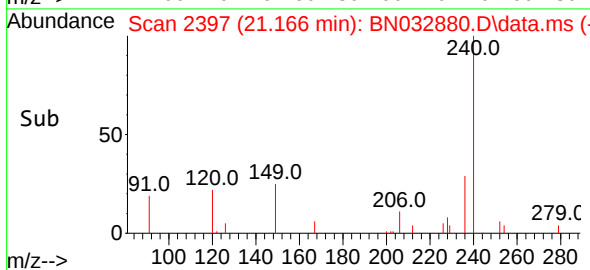
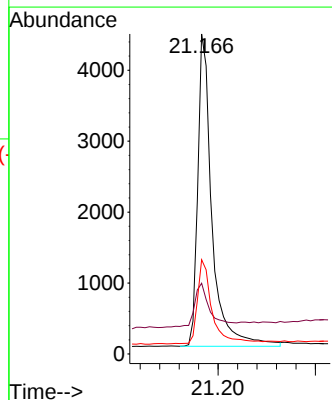
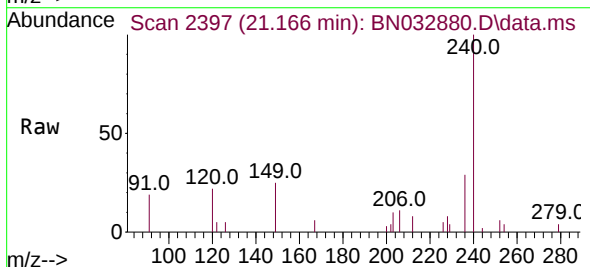
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BNA\_N  
ClientSampleId :  
PB162161BL

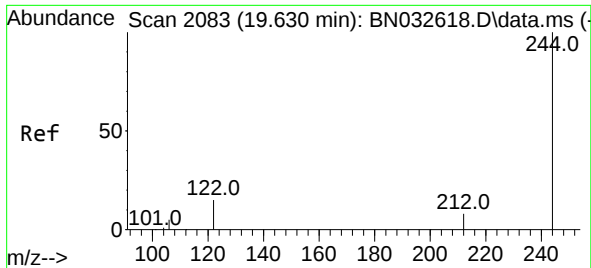
Tgt Ion:212 Resp: 7767  
Ion Ratio Lower Upper  
212 100  
106 16.9 11.9 17.9  
104 8.8 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.166 min Scan# 2397  
Delta R.T. 0.000 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

Tgt Ion:240 Resp: 8921  
Ion Ratio Lower Upper  
240 100  
120 22.1 14.8 22.2  
236 29.5 23.3 34.9

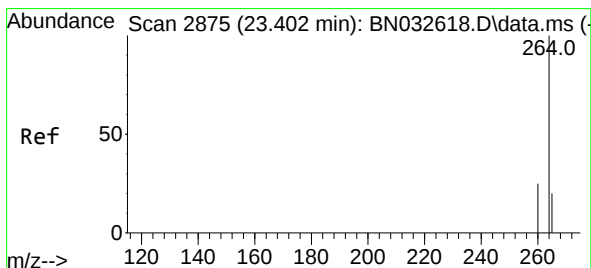
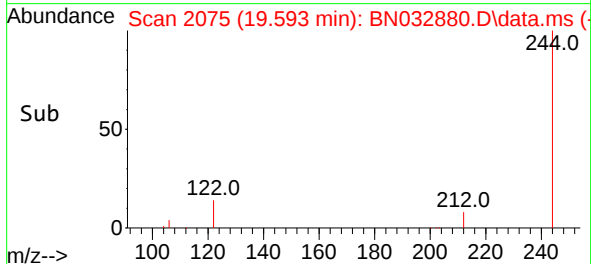
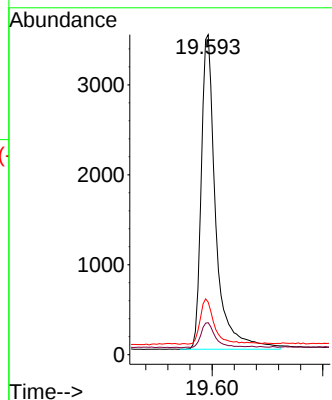
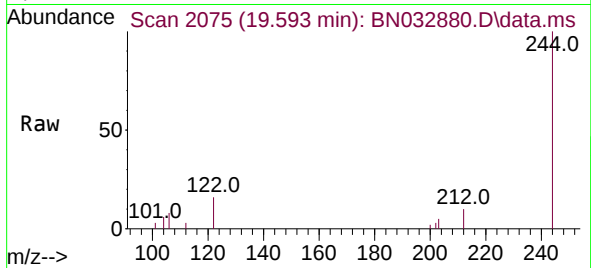




#31  
Terphenyl-d14  
Concen: 0.351 ng  
RT: 19.593 min Scan# 2083  
Delta R.T. 0.000 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

Instrument :  
BNA\_N  
ClientSampleId :  
PB162161BL

Tgt Ion:244 Resp: 6422  
Ion Ratio Lower Upper  
244 100  
212 10.0 7.5 11.3  
122 16.4 12.6 19.0



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.361 min Scan# 2861  
Delta R.T. 0.003 min  
Lab File: BN032880.D  
Acq: 20 Jul 2024 17:11

Tgt Ion:264 Resp: 10758  
Ion Ratio Lower Upper  
264 100  
260 26.5 20.9 31.3  
265 86.4 85.4 128.2

