

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091125\  
 Data File : BN037699.D  
 Acq On : 11 Sep 2025 14:45  
 Operator : RC/JU  
 Sample : PB169529BL  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 11 16:01:19 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Sep 11 14:20:01 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.840  | 152  | 5505     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.648 | 136  | 14343    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.494 | 164  | 6285     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.235 | 188  | 10830    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.420 | 240  | 9707     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 23.750 | 264  | 9481     | 0.400 | ng    | 0.00     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.406  | 112  | 4121     | 0.326 | ng    | 0.00     |
| 5) Phenol-d6                | 6.988  | 99   | 5143     | 0.314 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.993  | 82   | 3848     | 0.367 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.243 | 152  | 6423     | 0.338 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.982 | 330  | 310      | 0.189 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.115 | 172  | 10038    | 0.382 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.271 | 212  | 9422     | 0.347 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.870 | 244  | 7212     | 0.366 | ng    | 0.00     |

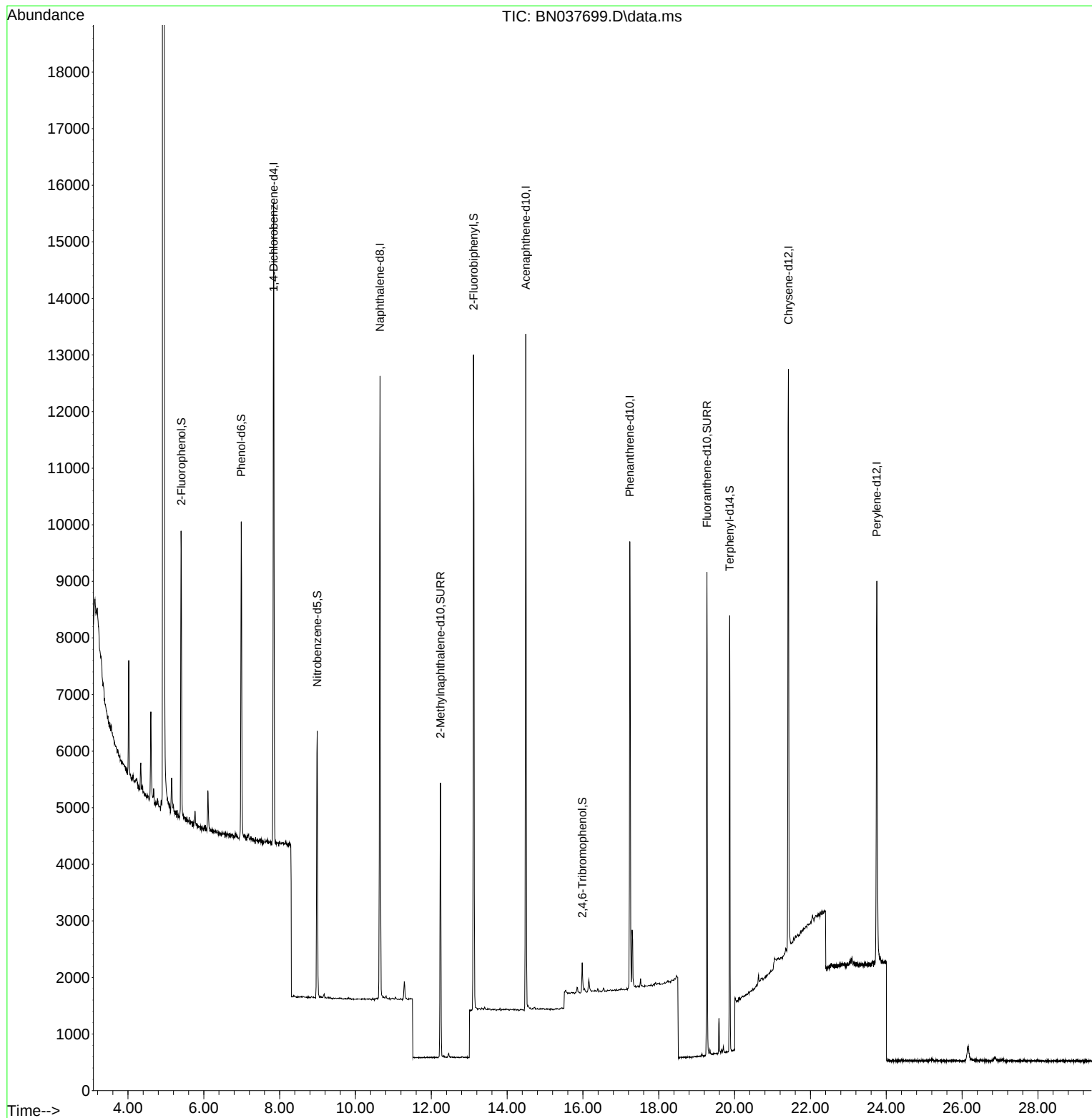
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091125\  
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Operator : RC/JU  
Sample : PB169529BL  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

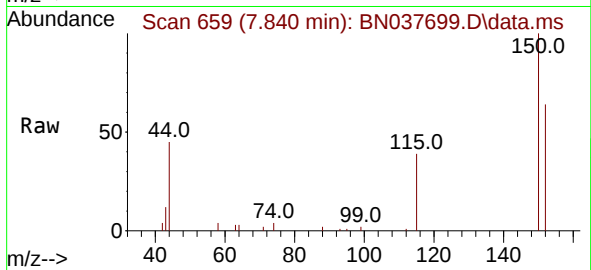
Quant Time: Sep 11 16:01:19 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



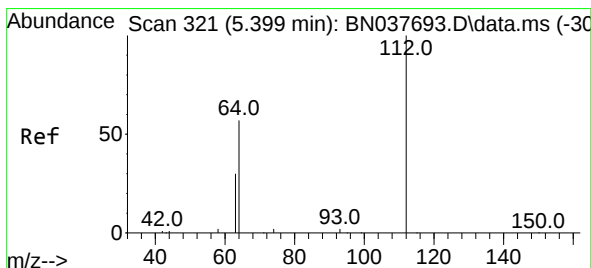
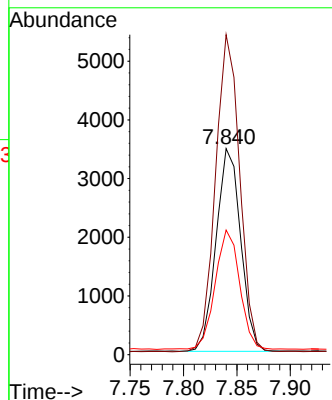
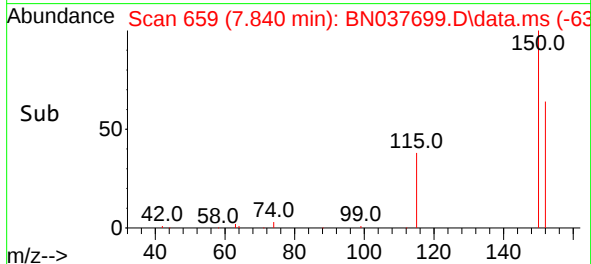


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.840 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

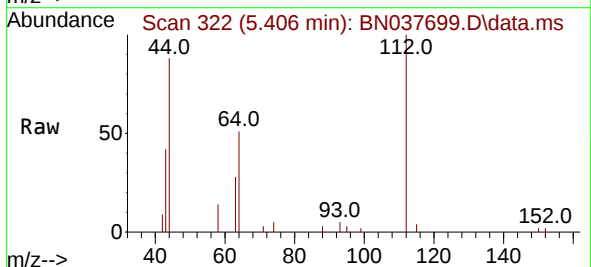
Instrument :  
BNA\_N  
ClientSampleId :



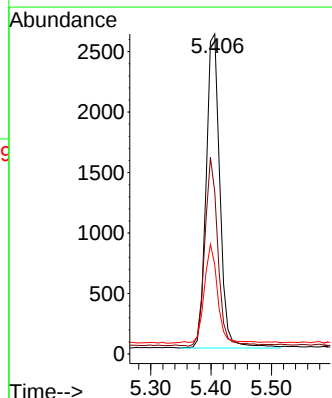
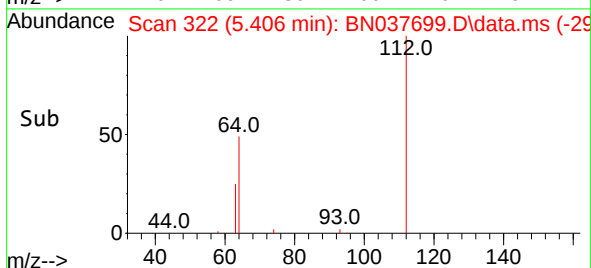
Tgt Ion:152 Resp: 5505  
Ion Ratio Lower Upper  
152 100  
150 155.3 124.5 186.7  
115 60.5 49.2 73.8

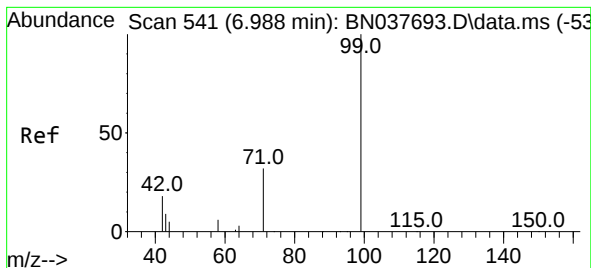


#4  
2-Fluorophenol  
Concen: 0.326 ng  
RT: 5.406 min Scan# 322  
Delta R.T. 0.007 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45



Tgt Ion:112 Resp: 4121  
Ion Ratio Lower Upper  
112 100  
64 57.7 44.9 67.3  
63 30.5 24.7 37.1





#5

Phenol-d6

Concen: 0.314 ng

RT: 6.988 min Scan# 541

Delta R.T. -0.000 min

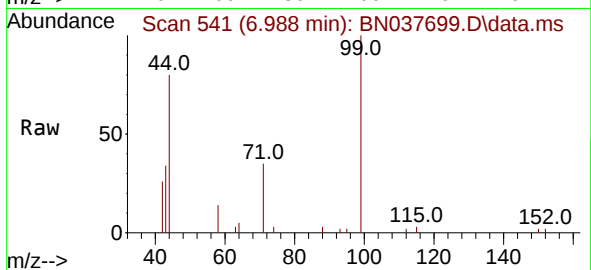
Lab File: BN037699.D

Acq: 11 Sep 2025 14:45

Instrument :

BNA\_N

ClientSampleId :



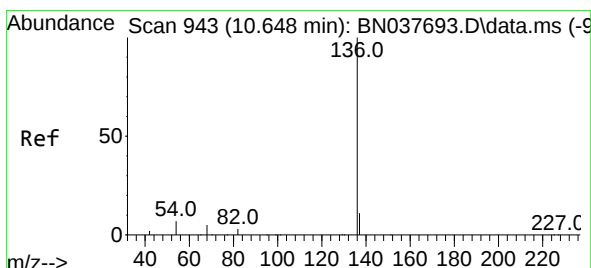
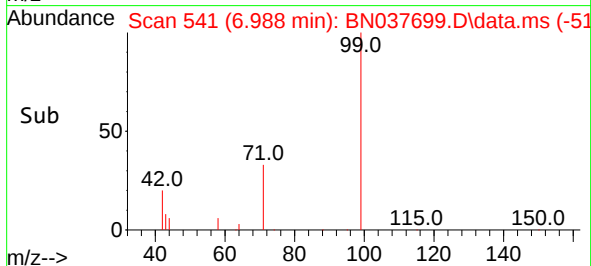
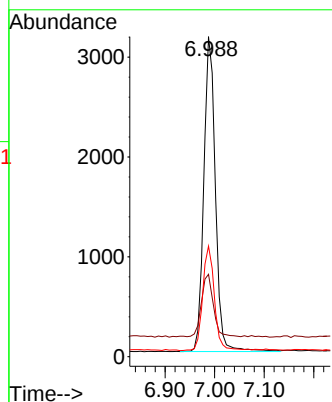
Tgt Ion: 99 Resp: 5143

Ion Ratio Lower Upper

99 100

42 20.9 16.6 24.8

71 33.6 26.7 40.1



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.648 min Scan# 943

Delta R.T. -0.000 min

Lab File: BN037699.D

Acq: 11 Sep 2025 14:45

Tgt Ion: 136 Resp: 14343

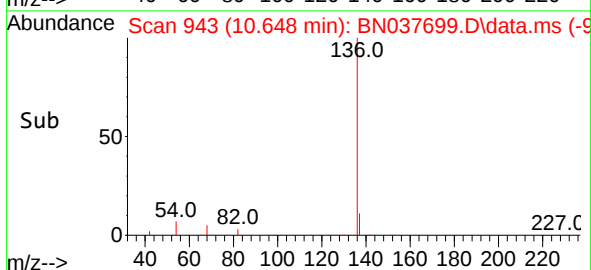
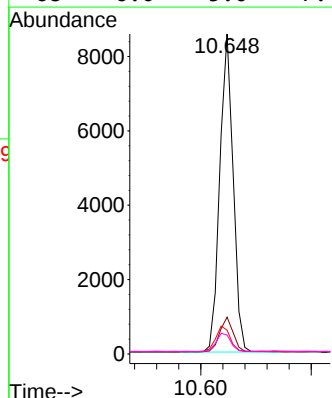
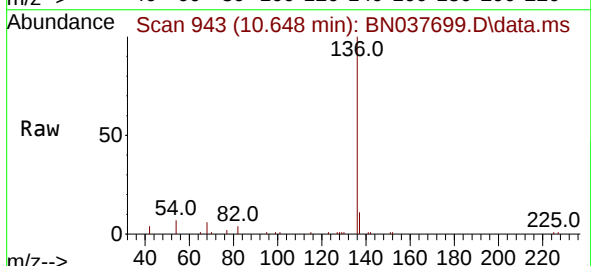
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 7.4 6.3 9.5

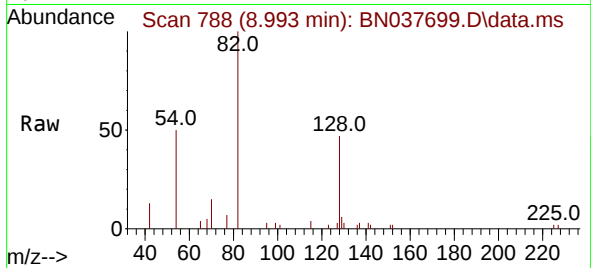
68 6.0 5.0 7.4



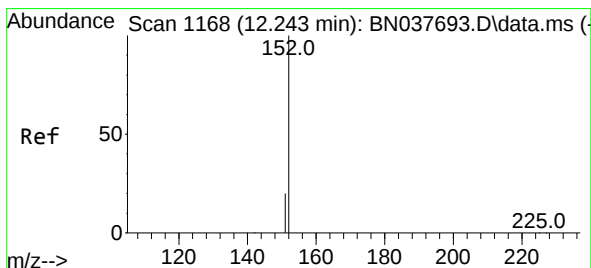
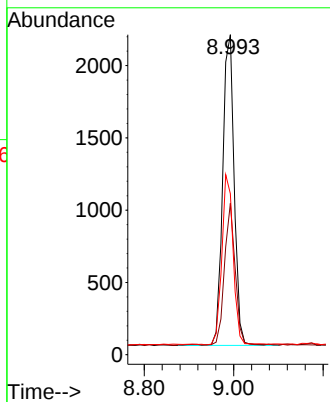
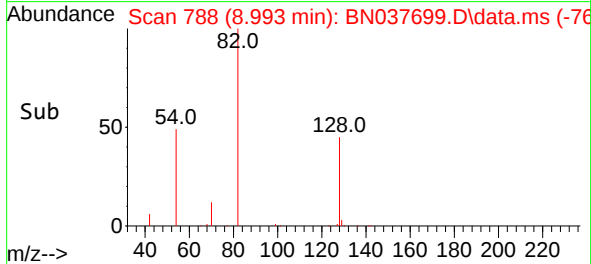


#8  
Nitrobenzene-d5  
Concen: 0.367 ng  
RT: 8.993 min Scan# 788  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

Instrument :  
BNA\_N  
ClientSampleId :

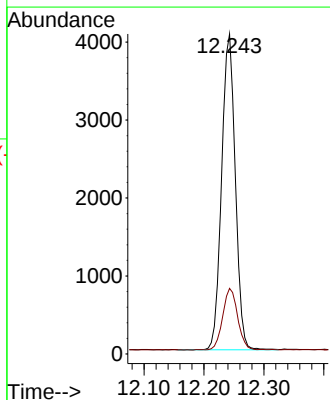
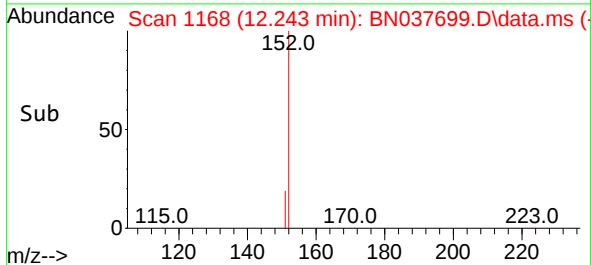
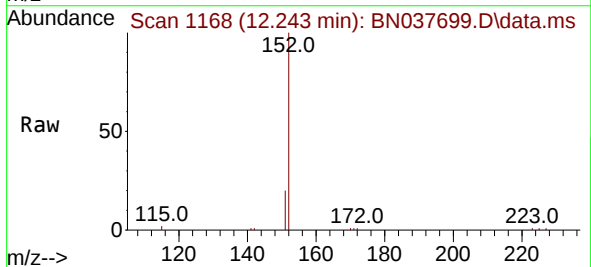


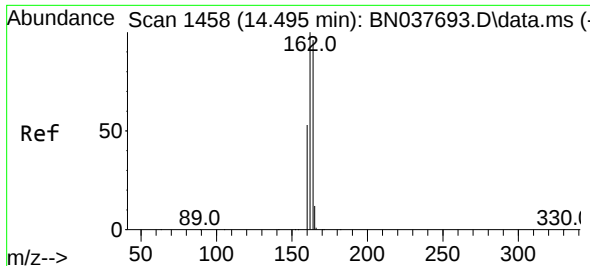
Tgt Ion: 82 Resp: 3848  
Ion Ratio Lower Upper  
82 100  
128 47.3 38.3 57.5  
54 50.3 41.4 62.2



#11  
2-Methylnaphthalene-d10  
Concen: 0.338 ng  
RT: 12.243 min Scan# 1168  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

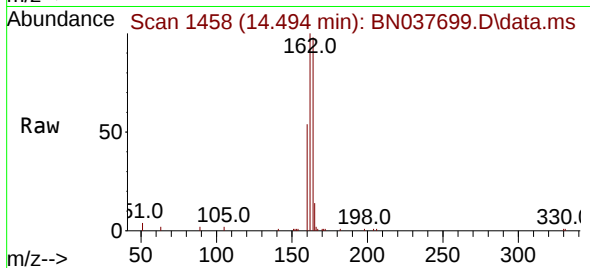
Tgt Ion: 152 Resp: 6423  
Ion Ratio Lower Upper  
152 100  
151 21.0 17.0 25.6



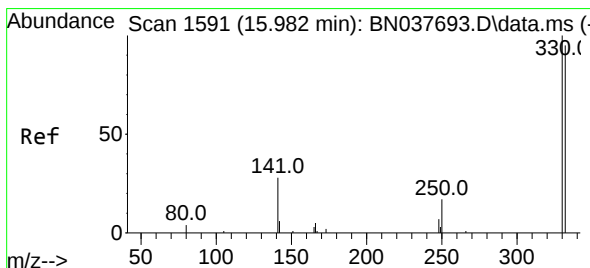
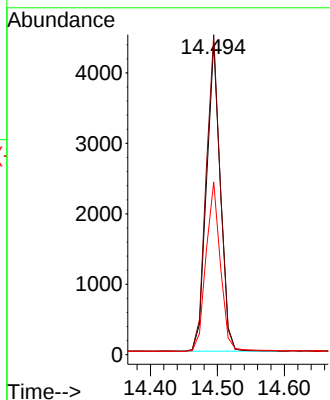
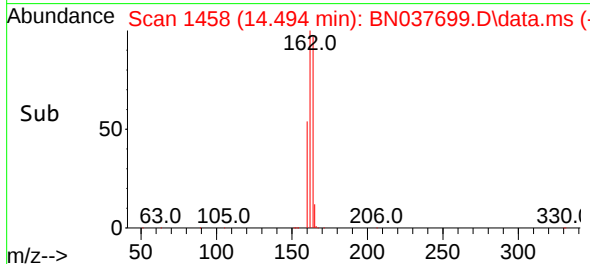


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.494 min Scan# 1458  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

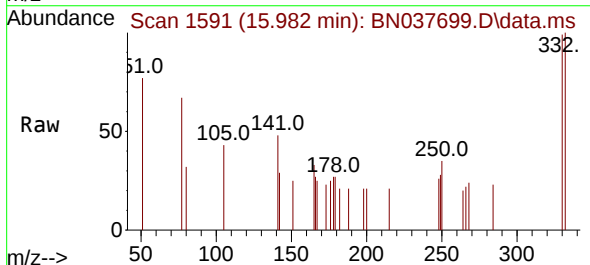
Instrument :  
BNA\_N  
ClientSampleId :



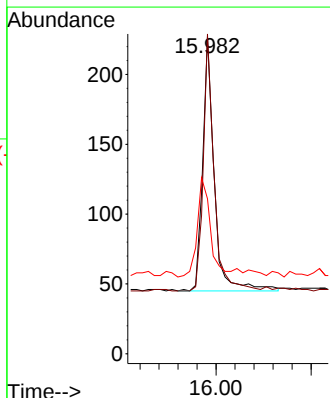
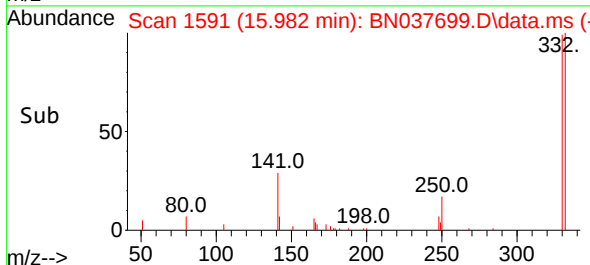
Tgt Ion:164 Resp: 6285  
Ion Ratio Lower Upper  
164 100  
162 102.5 83.1 124.7  
160 55.3 44.3 66.5

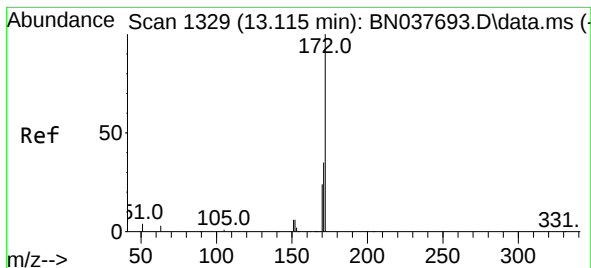


#14  
2,4,6-Tribromophenol  
Concen: 0.189 ng  
RT: 15.982 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45



Tgt Ion:330 Resp: 310  
Ion Ratio Lower Upper  
330 100  
332 93.5 75.3 112.9  
141 44.2 35.0 52.4

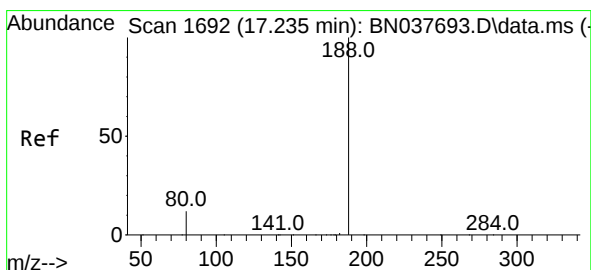
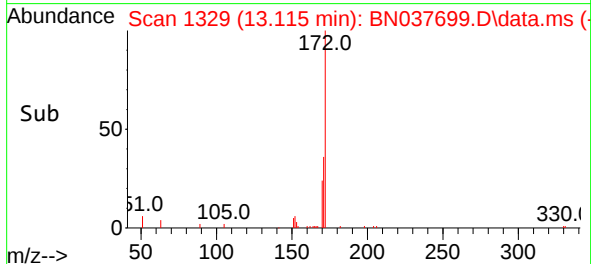
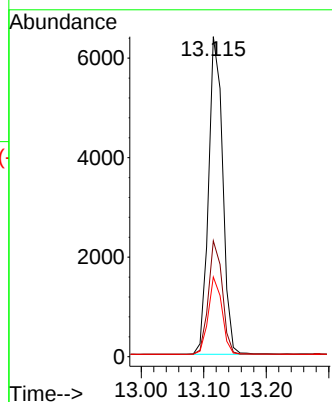
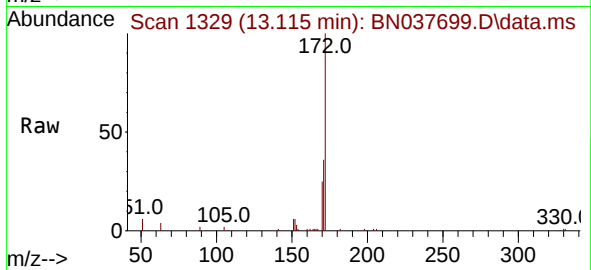




#15  
2-Fluorobiphenyl  
Concen: 0.382 ng  
RT: 13.115 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

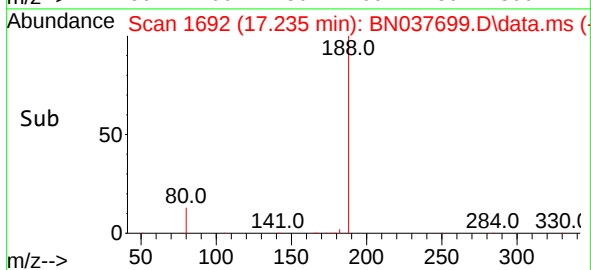
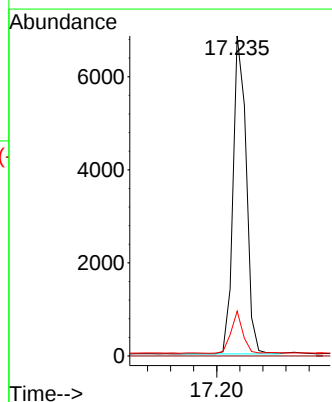
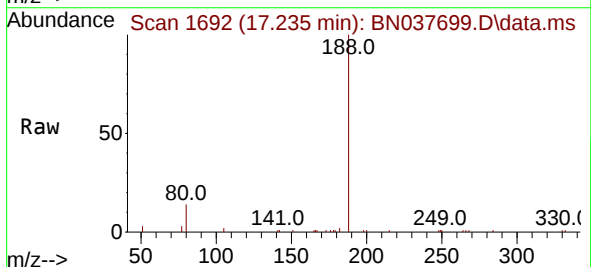
Instrument :  
BNA\_N  
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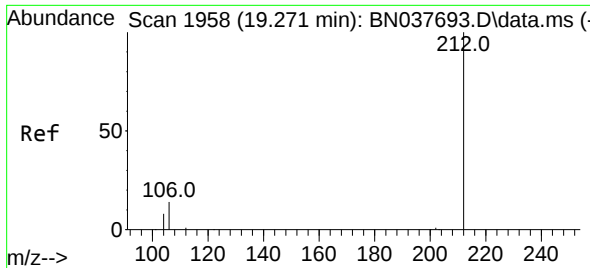
Tgt Ion:172 Resp: 10038  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.6 43.0  
170 24.9 19.8 29.8



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.235 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

Tgt Ion:188 Resp: 10830  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.0 10.6 15.8

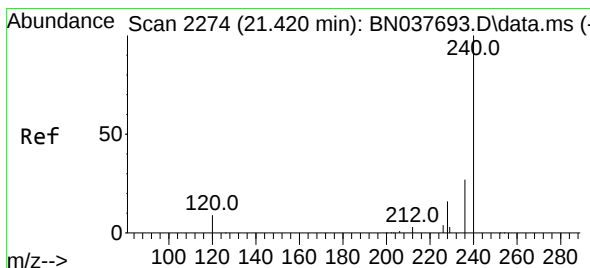
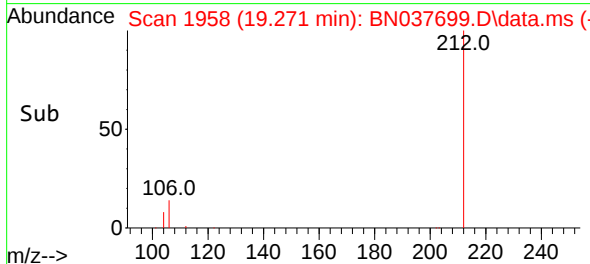
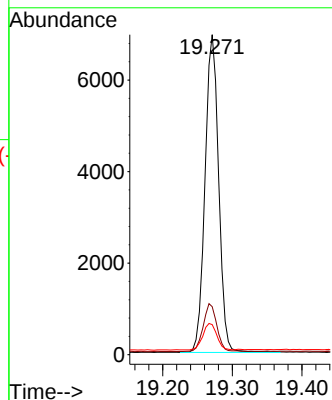
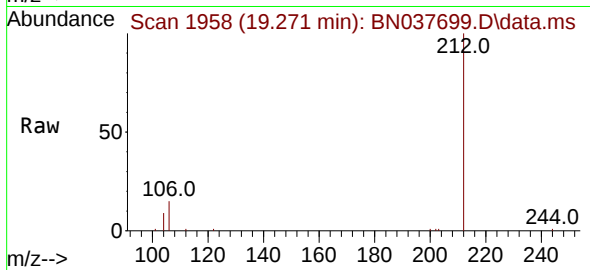




#27  
Fluoranthene-d10  
Concen: 0.347 ng  
RT: 19.271 min Scan# 1958  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

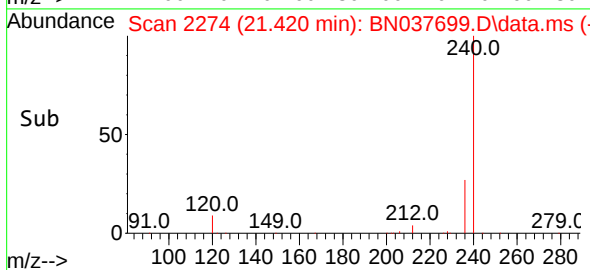
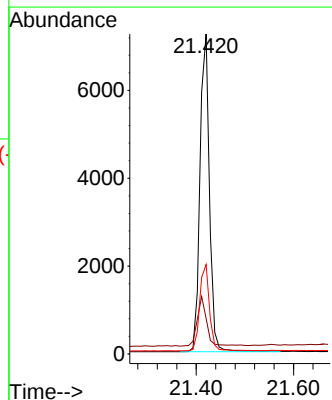
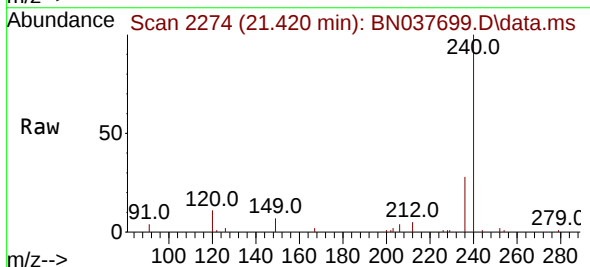
Instrument :  
BNA\_N  
ClientSampleId :

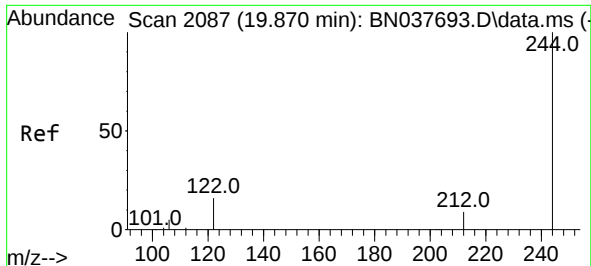
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 15.1  | 12.2  | 18.2  |
| 104     | 8.5   | 6.9   | 10.3  |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.420 min Scan# 2274  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

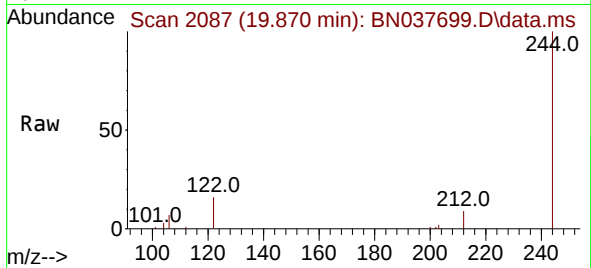
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 11.1  | 9.2   | 13.8  |
| 236     | 28.0  | 22.6  | 33.8  |



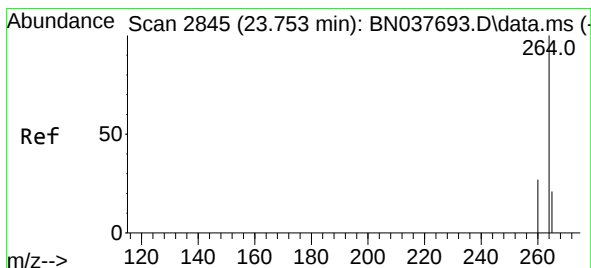
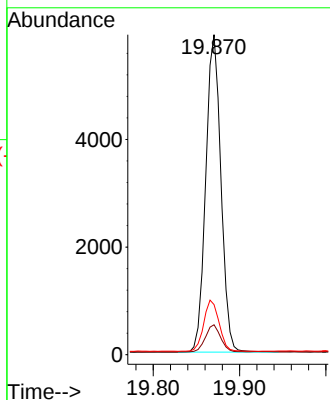


#31  
Terphenyl-d14  
Concen: 0.366 ng  
RT: 19.870 min Scan# 2087  
Delta R.T. -0.000 min  
Lab File: BN037699.D  
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Tgt Ion:244 Resp: 7212  
Ion Ratio Lower Upper  
244 100  
212 9.4 7.5 11.3  
122 15.7 13.2 19.8



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.750 min Scan# 2844  
Delta R.T. -0.003 min  
Lab File: BN037699.D  
Acq: 11 Sep 2025 14:45

Tgt Ion:264 Resp: 9481  
Ion Ratio Lower Upper  
264 100  
260 27.3 21.8 32.8  
265 48.8 39.4 59.2

