

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091725\  
 Data File : BN037755.D  
 Acq On : 17 Sep 2025 20:37  
 Operator : RC/JU  
 Sample : Q3095-13  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 18 05:01:32 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

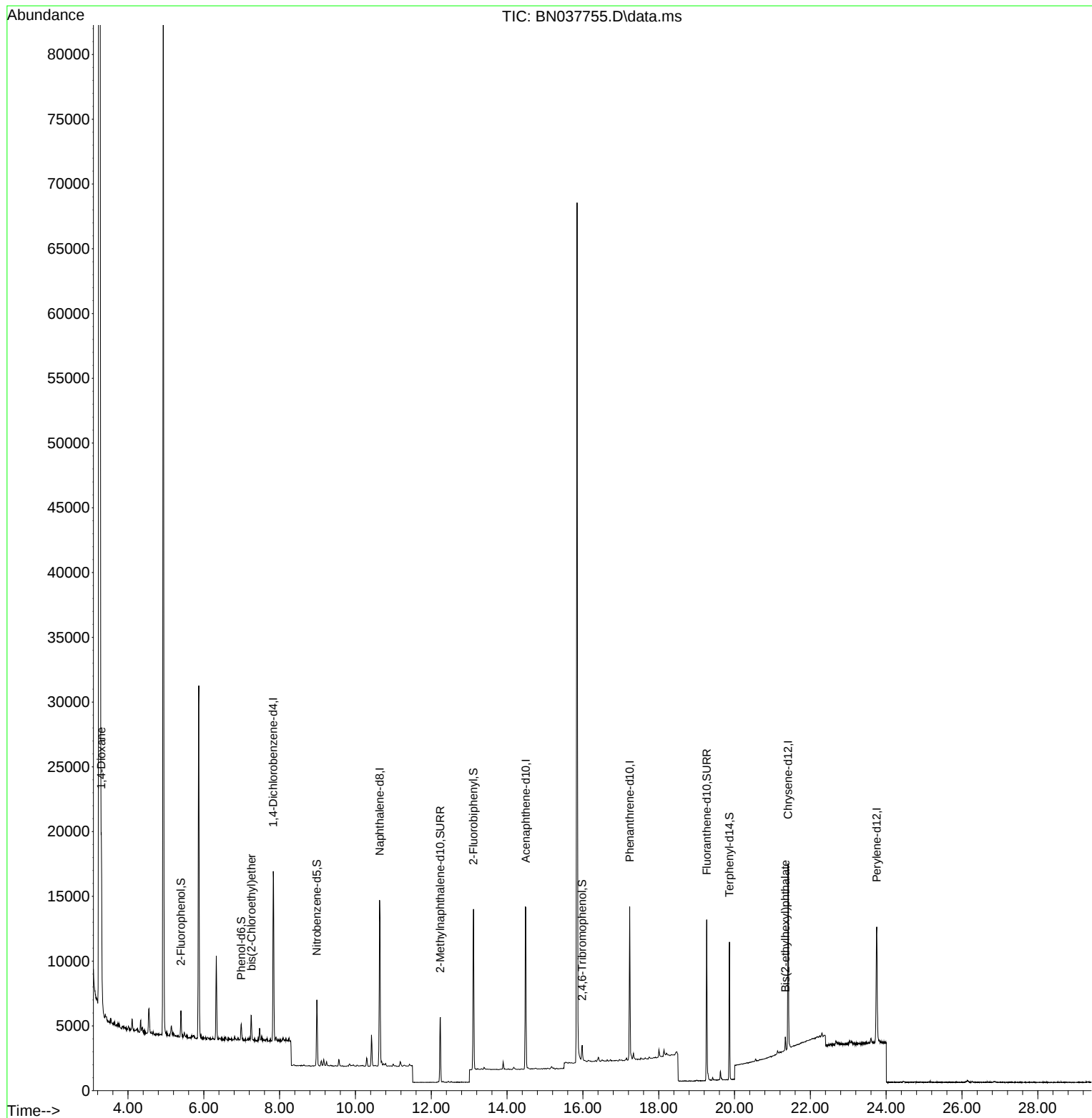
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 6476     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 17530    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.494 | 164  | 7818     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.235 | 188  | 14505    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.411 | 240  | 12734    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.750 | 264  | 12709    | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.399  | 112  | 1660     | 0.112 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 1198     | 0.062 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 3998     | 0.312 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 6784     | 0.292 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.982 | 330  | 754      | 0.370 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.115 | 172  | 10455    | 0.320 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.266 | 212  | 13269    | 0.364 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.866 | 244  | 9829     | 0.380 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.297  | 88   | 4441     | 0.658 | ng    | # 90     |
| 6) bis(2-Chloroethyl)ether    | 7.255  | 93   | 1405     | 0.082 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.340 | 149  | 1079     | 0.082 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091725\  
Data File : BN037755.D  
Acq On : 17 Sep 2025 20:37  
Operator : RC/JU  
Sample : Q3095-13  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

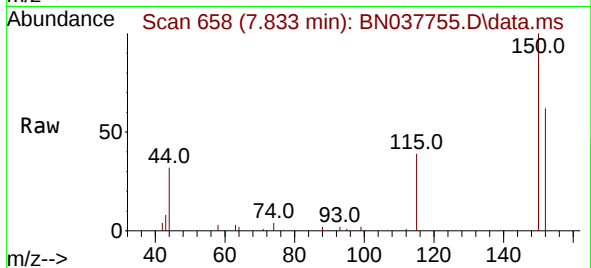
Quant Time: Sep 18 05:01:32 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



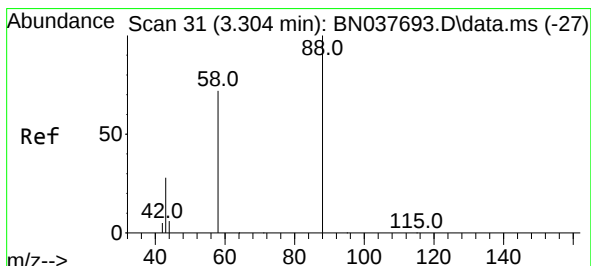
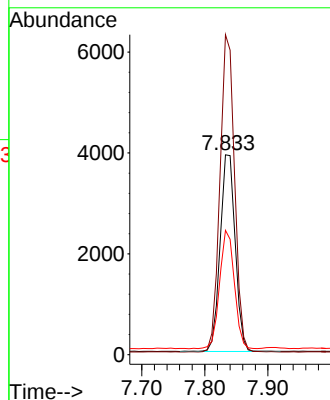
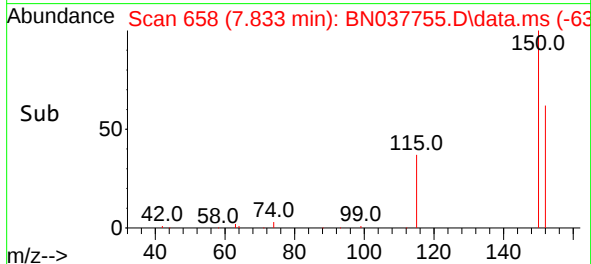


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37

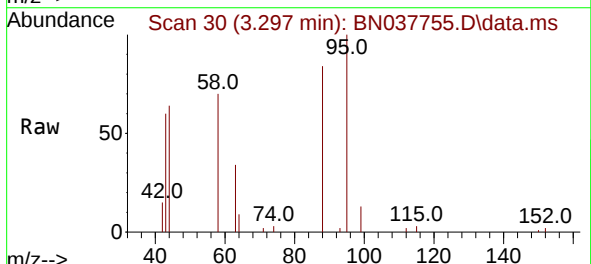
Instrument :  
 BNA\_N  
 ClientSampleId :



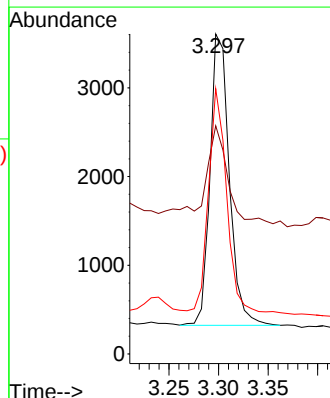
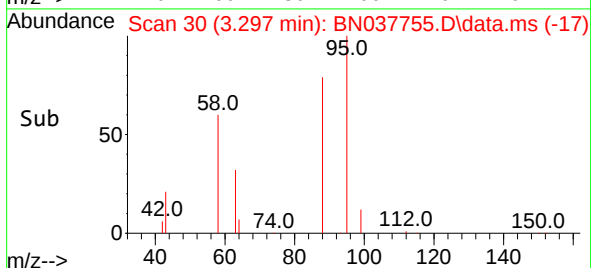
Tgt Ion:152 Resp: 6476  
 Ion Ratio Lower Upper  
 152 100  
 150 160.2 124.5 186.7  
 115 62.3 49.2 73.8



#2  
 1,4-Dioxane  
 Concen: 0.658 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37



Tgt Ion: 88 Resp: 4441  
 Ion Ratio Lower Upper  
 88 100  
 43 46.3 26.8 40.2#  
 58 73.0 61.9 92.9

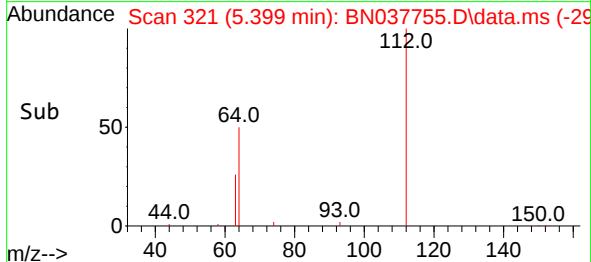
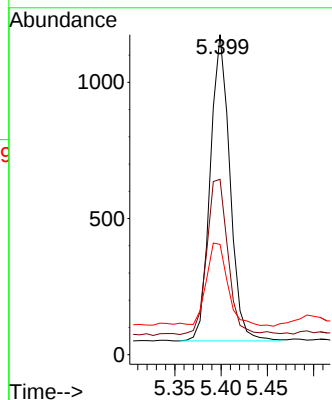
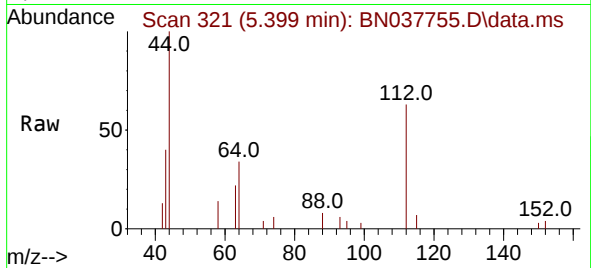




#4  
2-Fluorophenol  
Concen: 0.112 ng  
RT: 5.399 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

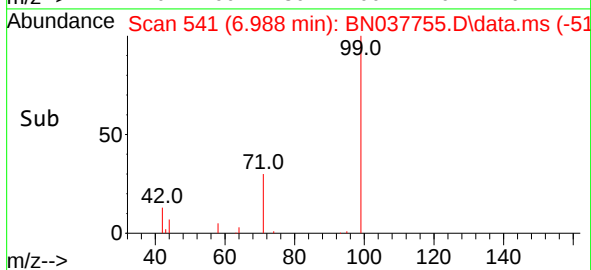
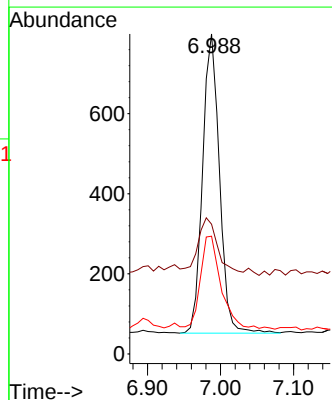
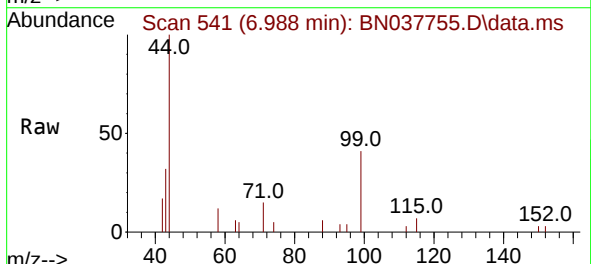
Instrument :  
BNA\_N  
ClientSampleId :

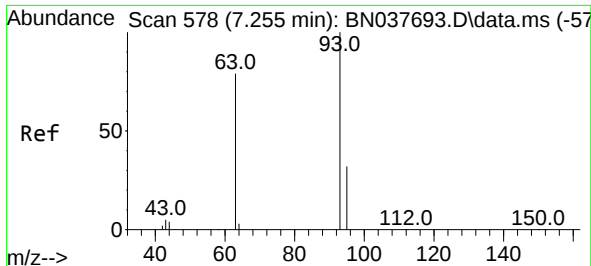
Tgt Ion:112 Resp: 1660  
Ion Ratio Lower Upper  
112 100  
64 54.6 44.9 67.3  
63 29.5 24.7 37.1



#5  
Phenol-d6  
Concen: 0.062 ng  
RT: 6.988 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

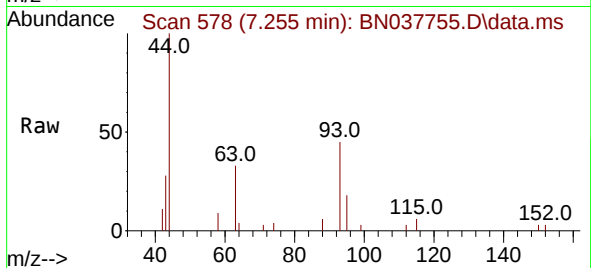
Tgt Ion: 99 Resp: 1198  
Ion Ratio Lower Upper  
99 100  
42 20.1 16.6 24.8  
71 38.1 26.7 40.1



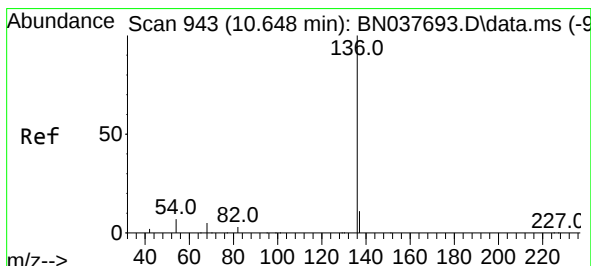
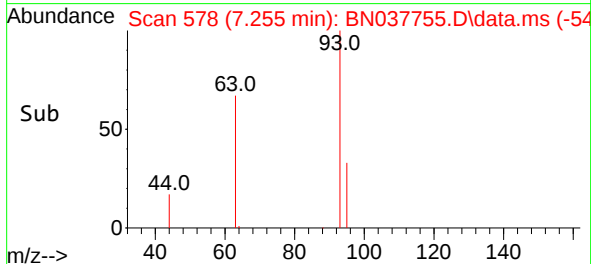
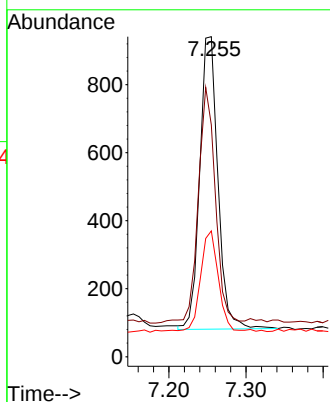


#6  
 bis(2-Chloroethyl)ether  
 Concen: 0.082 ng  
 RT: 7.255 min Scan# 51  
 Delta R.T. -0.000 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37

Instrument :  
 BNA\_N  
 ClientSampleId :

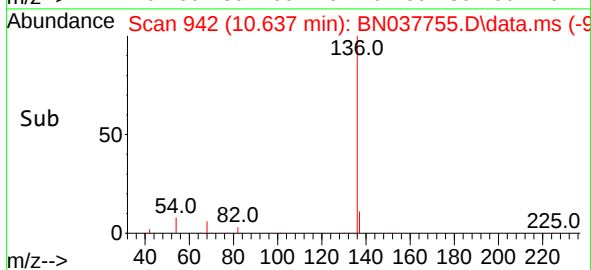
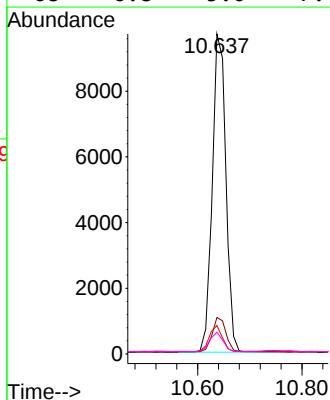
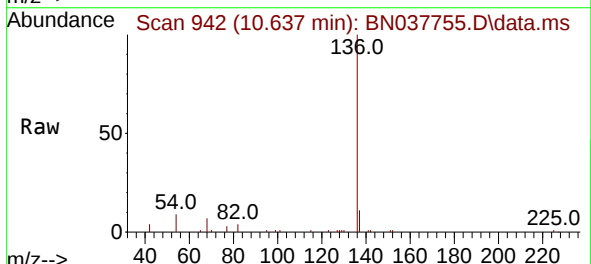


|             |             |
|-------------|-------------|
| Tgt Ion: 93 | Resp: 1405  |
| Ion Ratio   | Lower Upper |
| 93 100      |             |
| 63 76.2     | 60.6 90.8   |
| 95 35.7     | 26.0 39.0   |



#7  
 Naphthalene-d8  
 Concen: 0.400 ng  
 RT: 10.637 min Scan# 942  
 Delta R.T. -0.011 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37

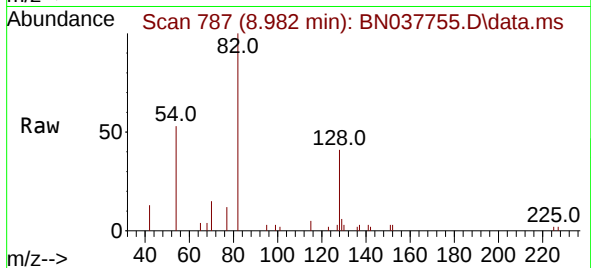
|             |             |
|-------------|-------------|
| Tgt Ion:136 | Resp: 17530 |
| Ion Ratio   | Lower Upper |
| 136 100     |             |
| 137 11.4    | 9.1 13.7    |
| 54 8.9      | 6.3 9.5     |
| 68 6.8      | 5.0 7.4     |



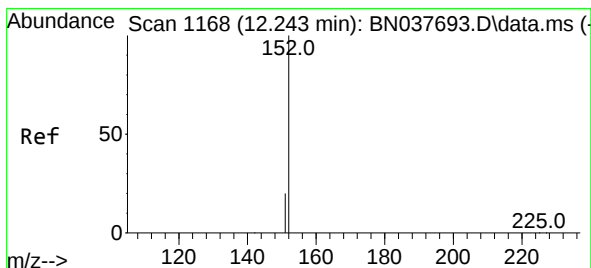
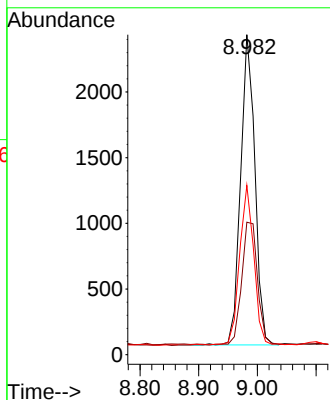
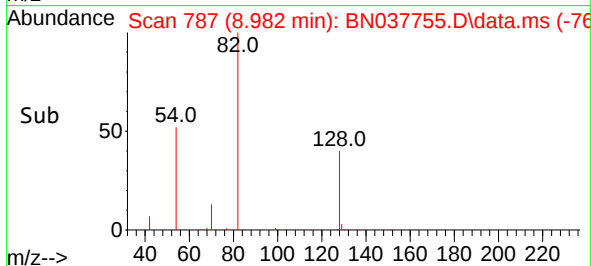


#8  
 Nitrobenzene-d5  
 Concen: 0.312 ng  
 RT: 8.982 min Scan# 71  
 Delta R.T. -0.011 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37

Instrument :  
 BNA\_N  
 ClientSampleId :

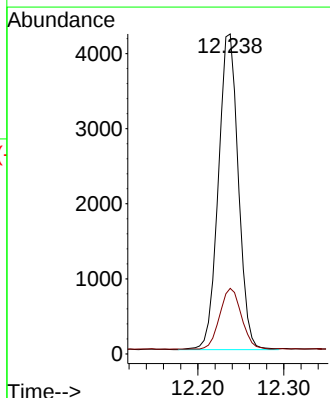
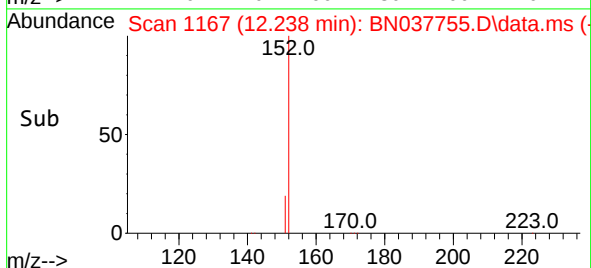
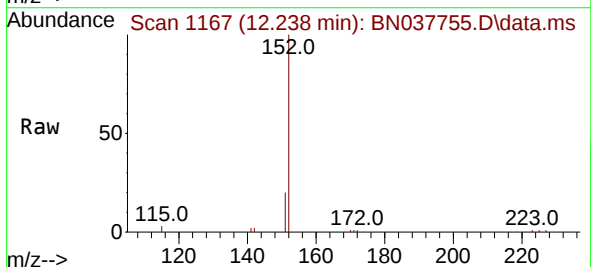


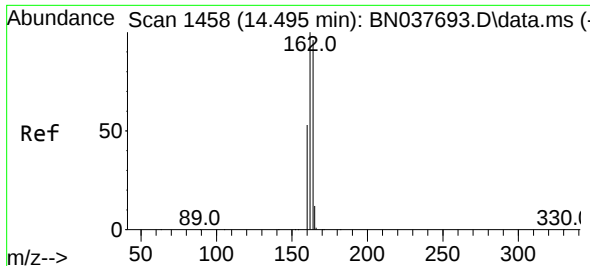
Tgt Ion: 82 Resp: 3998  
 Ion Ratio Lower Upper  
 82 100  
 128 41.4 38.3 57.5  
 54 52.9 41.4 62.2



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.292 ng  
 RT: 12.238 min Scan# 1167  
 Delta R.T. -0.005 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37

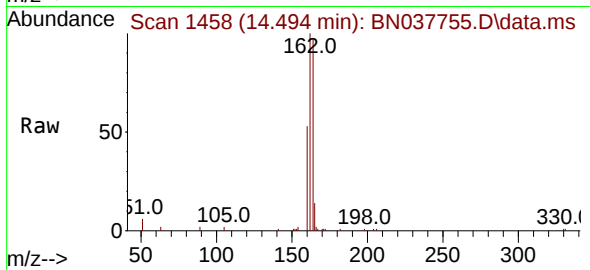
Tgt Ion: 152 Resp: 6784  
 Ion Ratio Lower Upper  
 152 100  
 151 21.0 17.0 25.6



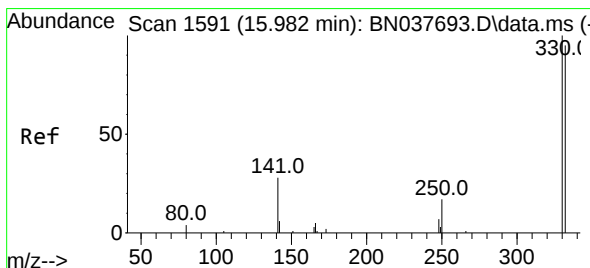
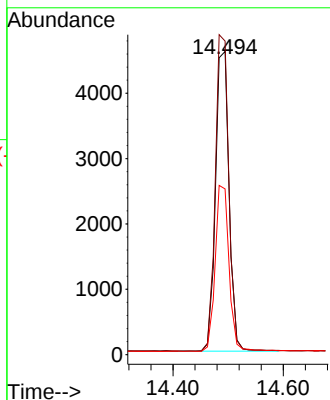
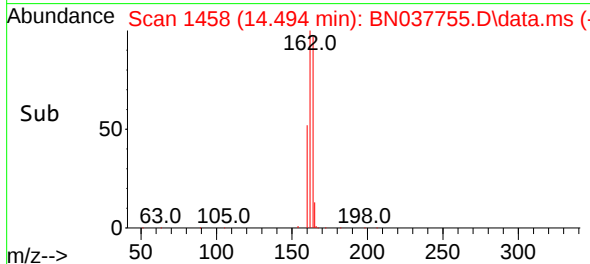


#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.494 min Scan# 1458  
Delta R.T. -0.000 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

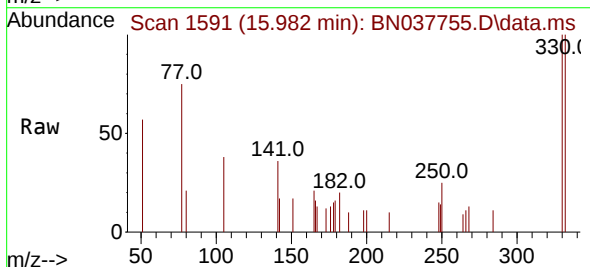
Instrument :  
BNA\_N  
ClientSampleId :



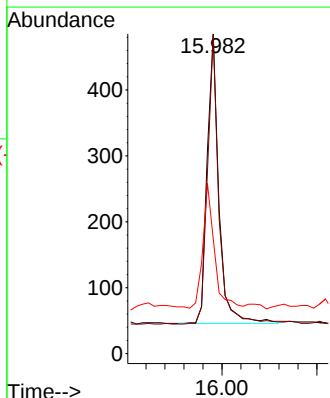
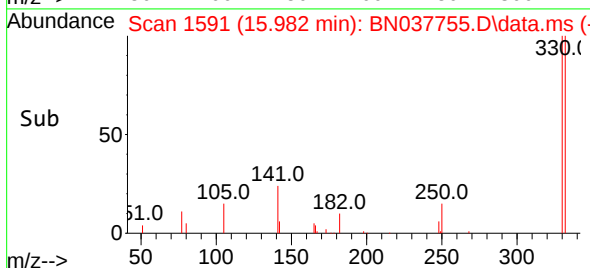
Tgt Ion:164 Resp: 7818  
Ion Ratio Lower Upper  
164 100  
162 103.5 83.1 124.7  
160 54.7 44.3 66.5

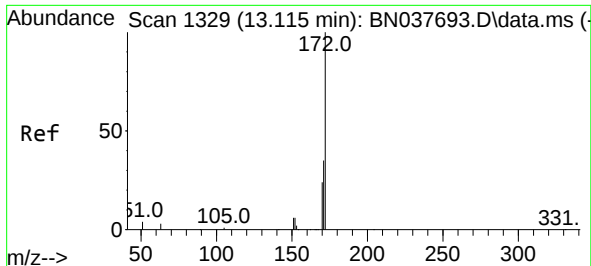


#14  
2,4,6-Tribromophenol  
Concen: 0.370 ng  
RT: 15.982 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37



Tgt Ion:330 Resp: 754  
Ion Ratio Lower Upper  
330 100  
332 96.6 75.3 112.9  
141 43.4 35.0 52.4

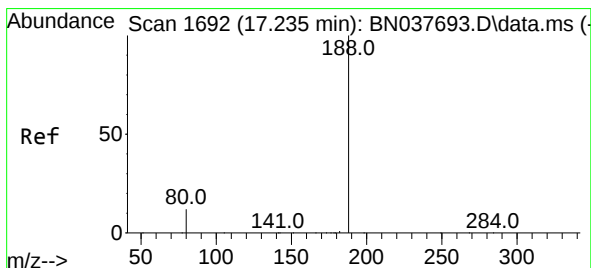
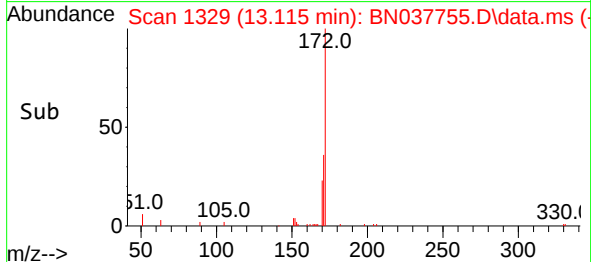
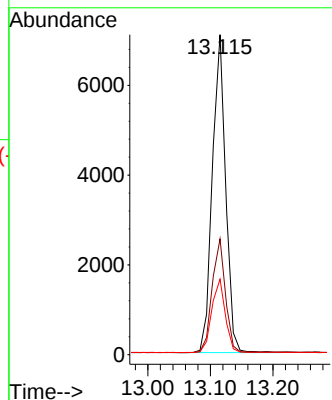
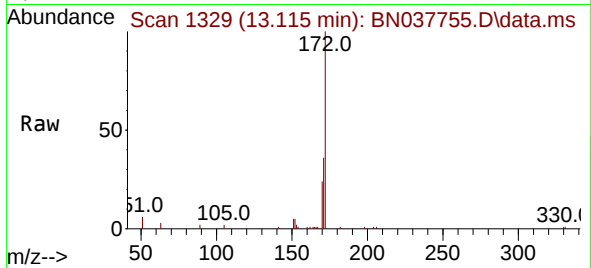




#15  
2-Fluorobiphenyl  
Concen: 0.320 ng  
RT: 13.115 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

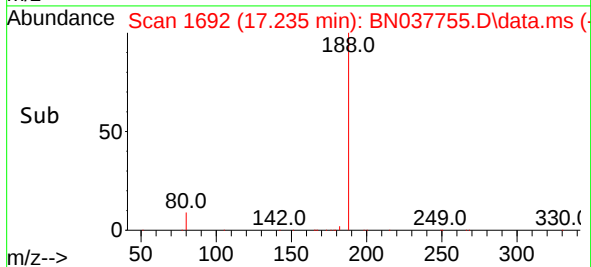
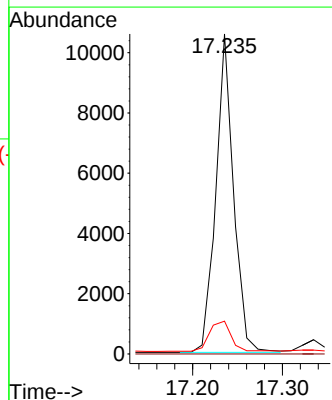
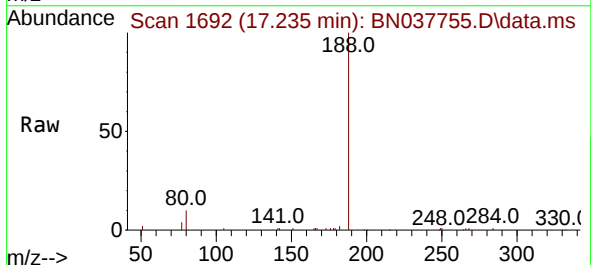
Instrument :  
BNA\_N  
ClientSampleId :

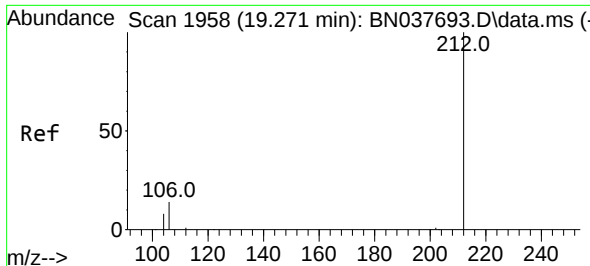
Tgt Ion:172 Resp: 10455  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.6 43.0  
170 23.6 19.8 29.8



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.235 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

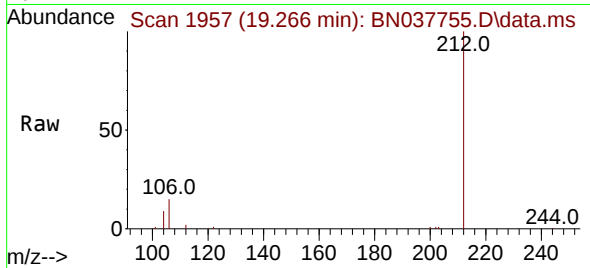
Tgt Ion:188 Resp: 14505  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.2 10.6 15.8#



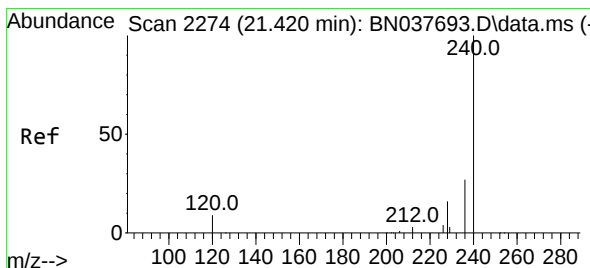
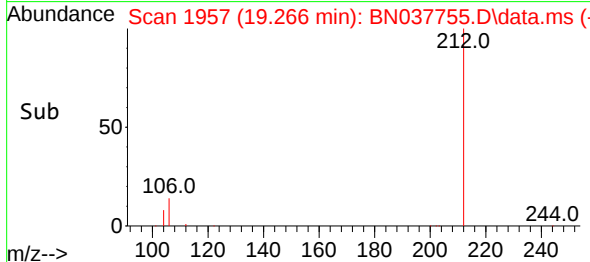
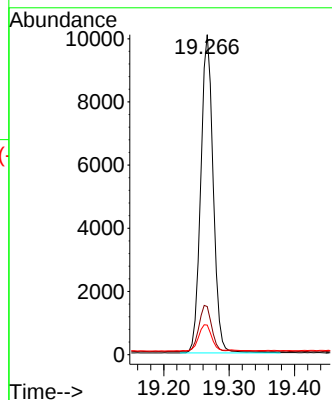


#27  
Fluoranthene-d10  
Concen: 0.364 ng  
RT: 19.266 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

Instrument :  
BNA\_N  
ClientSampleId :

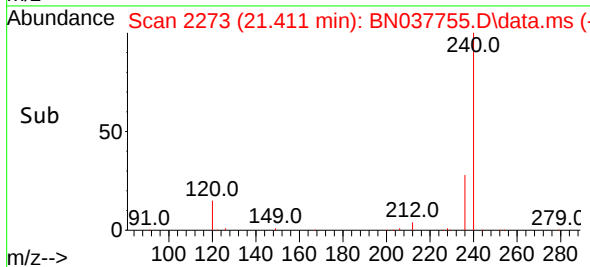
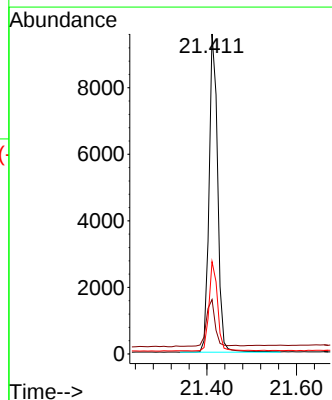
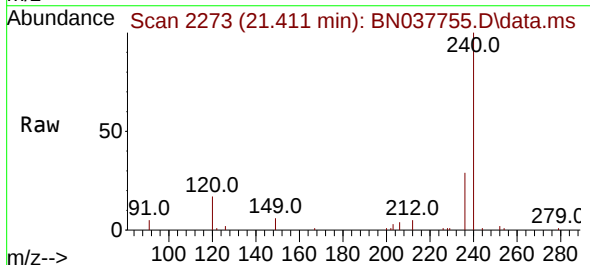


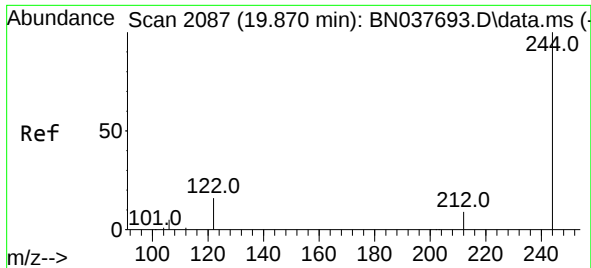
Tgt Ion:212 Resp: 13269  
Ion Ratio Lower Upper  
212 100  
106 15.1 12.2 18.2  
104 8.6 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.411 min Scan# 2273  
Delta R.T. -0.009 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

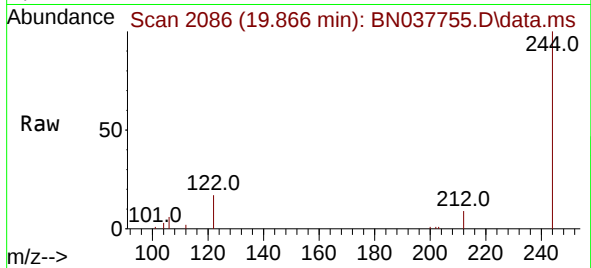
Tgt Ion:240 Resp: 12734  
Ion Ratio Lower Upper  
240 100  
120 17.0 9.2 13.8#  
236 28.8 22.6 33.8



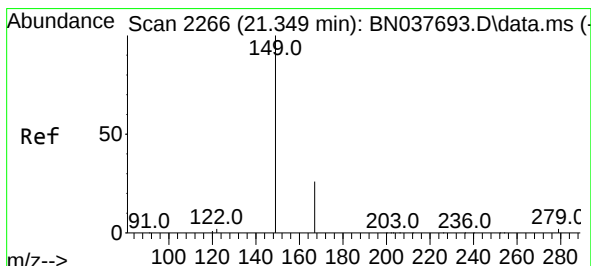
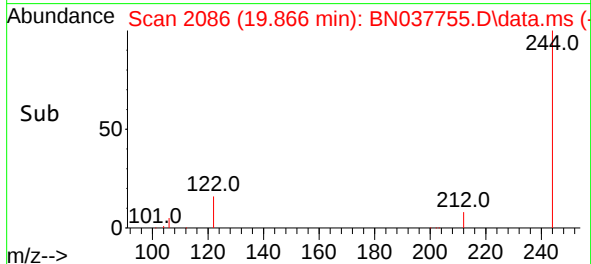
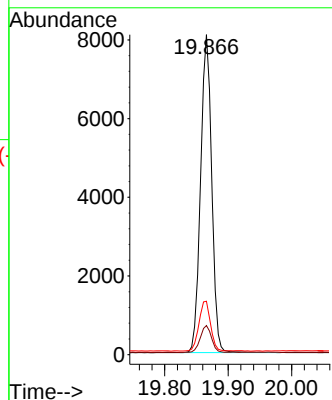


#31  
 Terphenyl-d14  
 Concen: 0.380 ng  
 RT: 19.866 min Scan# 2086  
 Delta R.T. -0.005 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37

Instrument :  
 BNA\_N  
 ClientSampleId :

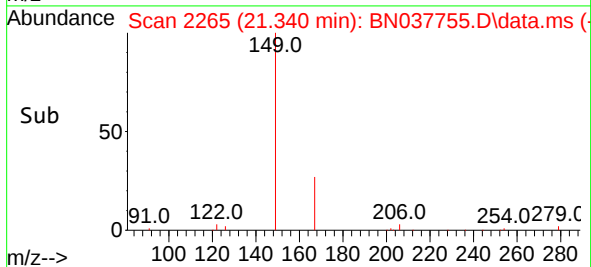
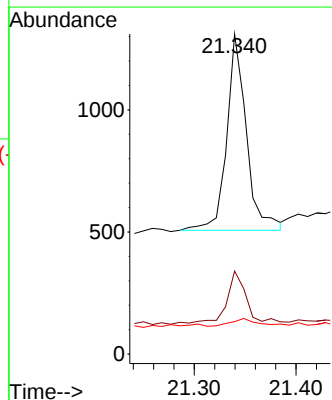
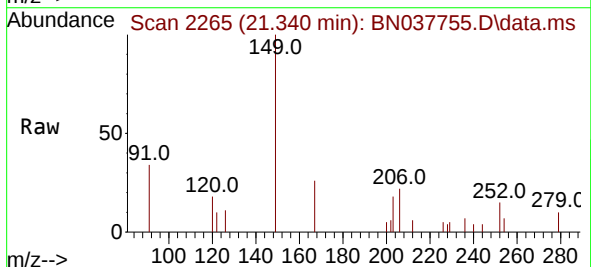


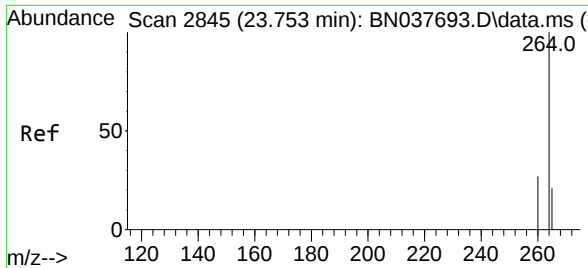
Tgt Ion:244 Resp: 9829  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 7.5 11.3  
 122 16.7 13.2 19.8



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.082 ng  
 RT: 21.340 min Scan# 2265  
 Delta R.T. -0.009 min  
 Lab File: BN037755.D  
 Acq: 17 Sep 2025 20:37

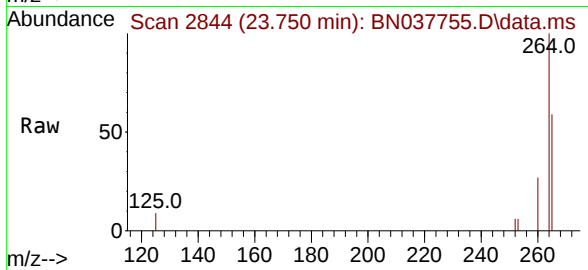
Tgt Ion:149 Resp: 1079  
 Ion Ratio Lower Upper  
 149 100  
 167 25.2 20.8 31.2  
 279 4.9 3.3 4.9





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.750 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037755.D  
Acq: 17 Sep 2025 20:37

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 12709  
Ion Ratio Lower Upper  
264 100  
260 27.1 21.8 32.8  
265 59.4 39.4 59.2#

