

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091725\  
 Data File : BN037742.D  
 Acq On : 17 Sep 2025 12:38  
 Operator : RC/JU  
 Sample : Q3095-05  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 17 13:16:40 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

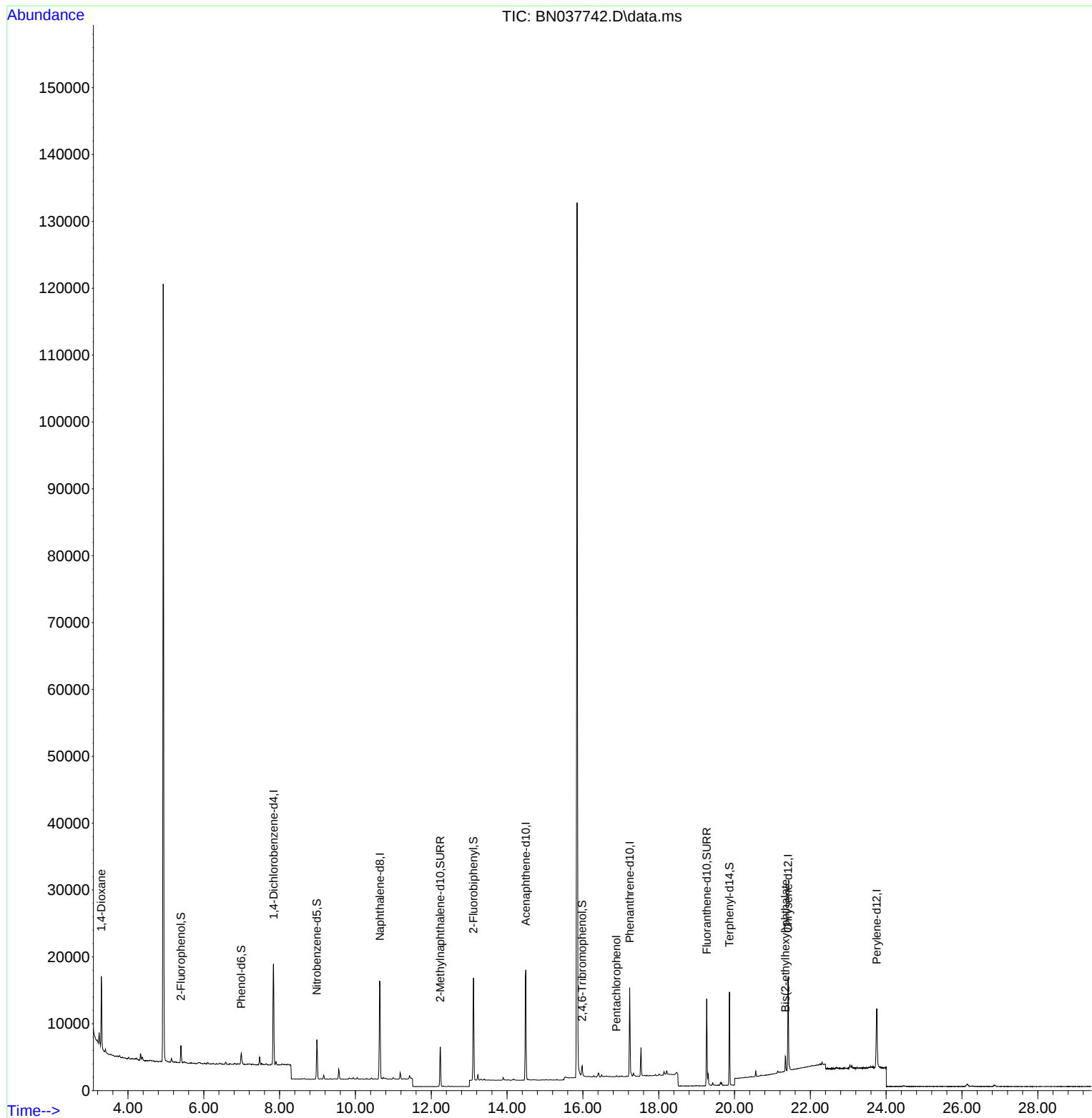
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.840  | 152  | 7535     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.648 | 136  | 20988    | 0.400 | ng    | # 0.00    |
| 13) Acenaphthene-d10          | 14.494 | 164  | 9821     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.235 | 188  | 16837    | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.411 | 240  | 12718    | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.750 | 264  | 12632    | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.399  | 112  | 2083     | 0.120 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.988  | 99   | 1575     | 0.070 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 4648     | 0.303 | ng    | -0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.238 | 152  | 8034     | 0.289 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.982 | 330  | 991      | 0.387 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.115 | 172  | 12659    | 0.308 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.266 | 212  | 14185    | 0.336 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.866 | 244  | 12772    | 0.495 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.297  | 88   | 6702     | 0.854 | ng    | Qvalue 94 |
| 24) Pentachlorophenol         | 16.888 | 266  | 114      | 0.031 | ng    | # 88      |
| 34) Bis(2-ethylhexyl)phtha... | 21.340 | 149  | 2491     | 0.189 | ng    | 99        |
| -----                         |        |      |          |       |       |           |

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

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Sample : Q3095-05  
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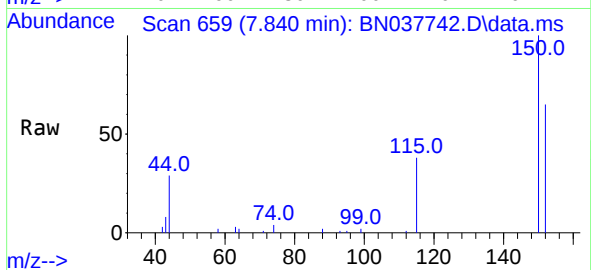
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



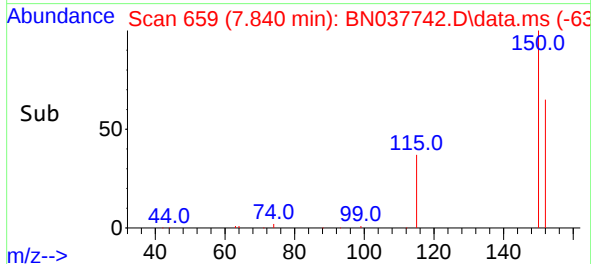
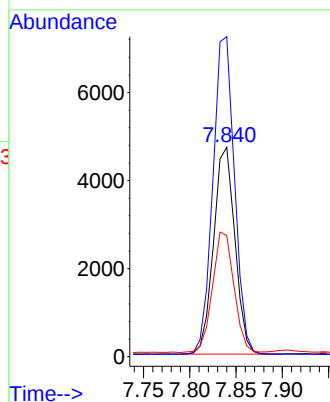


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.840 min Scan# 61  
 Delta R.T. -0.000 min  
 Lab File: BN037742.D  
 Acq: 17 Sep 2025 12:38

Instrument :  
 BNA\_N  
 ClientSampleId :

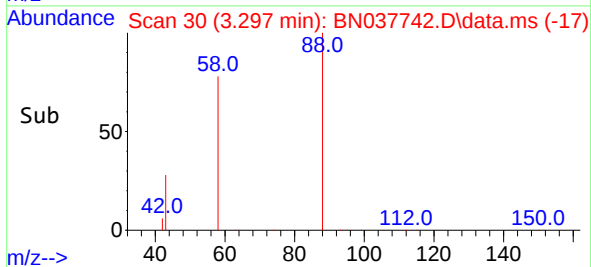
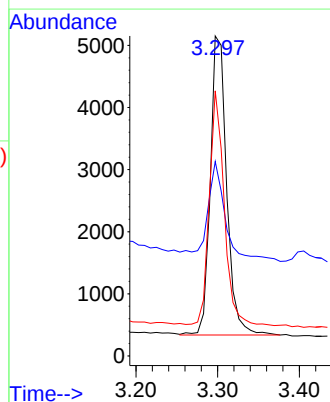
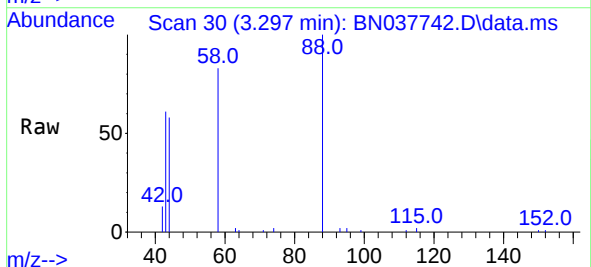


Tgt Ion:152 Resp: 7535  
 Ion Ratio Lower Upper  
 152 100  
 150 152.8 124.5 186.7  
 115 57.9 49.2 73.8



#2  
 1,4-Dioxane  
 Concen: 0.854 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037742.D  
 Acq: 17 Sep 2025 12:38

Tgt Ion: 88 Resp: 6702  
 Ion Ratio Lower Upper  
 88 100  
 43 36.2 26.8 40.2  
 58 72.0 61.9 92.9

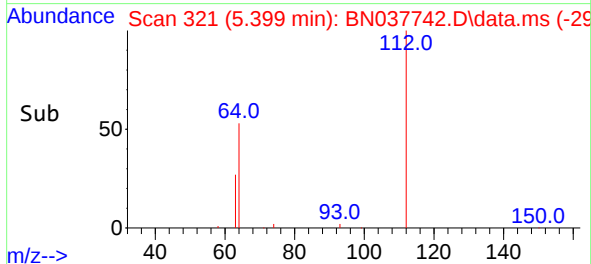
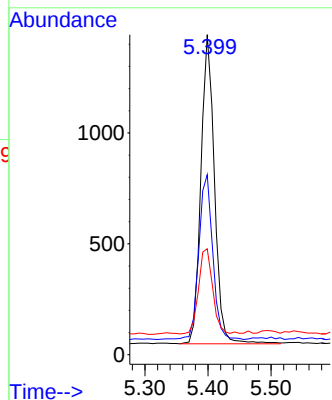
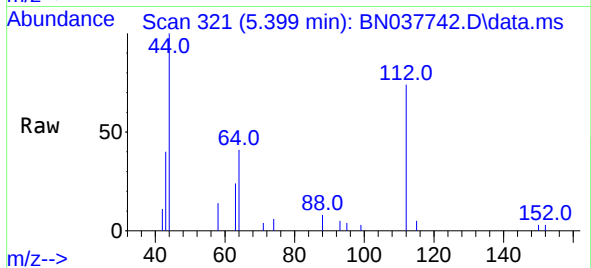




#4  
2-Fluorophenol  
Concen: 0.120 ng  
RT: 5.399 min Scan# 31  
Delta R.T. -0.000 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

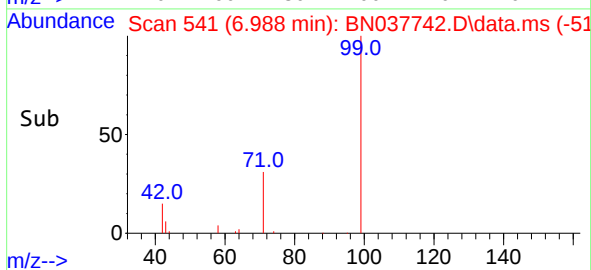
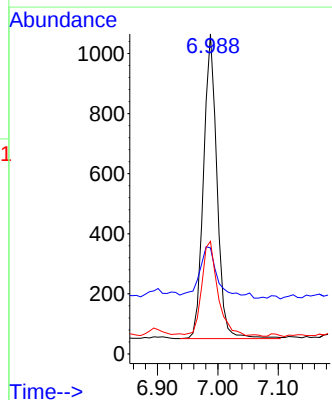
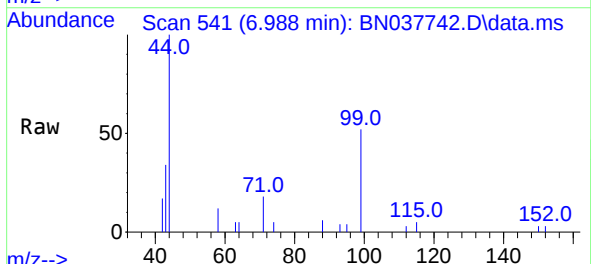
Instrument :  
BNA\_N  
ClientSampleId :

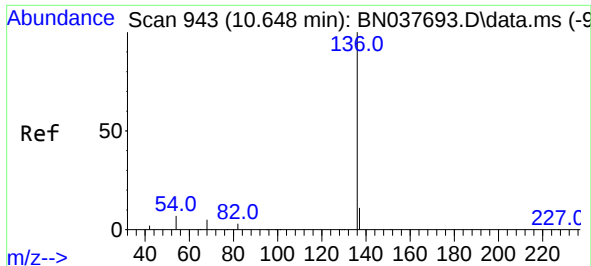
Tgt Ion:112 Resp: 2083  
Ion Ratio Lower Upper  
112 100  
64 54.4 44.9 67.3  
63 28.4 24.7 37.1



#5  
Phenol-d6  
Concen: 0.070 ng  
RT: 6.988 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

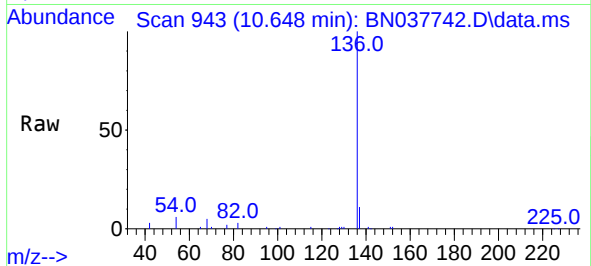
Tgt Ion: 99 Resp: 1575  
Ion Ratio Lower Upper  
99 100  
42 23.1 16.6 24.8  
71 37.5 26.7 40.1



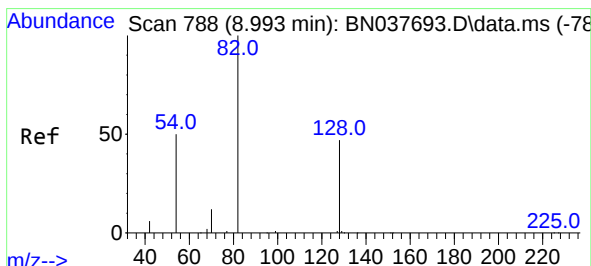
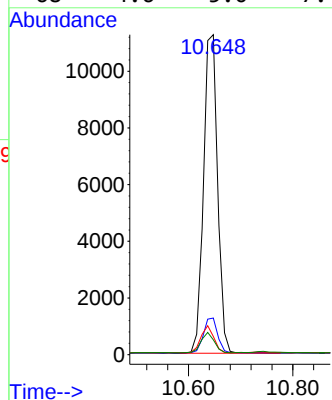


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.648 min Scan# 94  
Delta R.T. -0.000 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

Instrument :  
BNA\_N  
ClientSampleId :

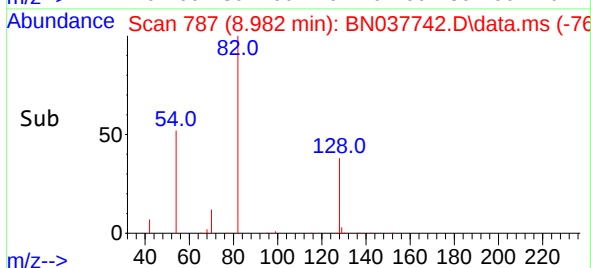
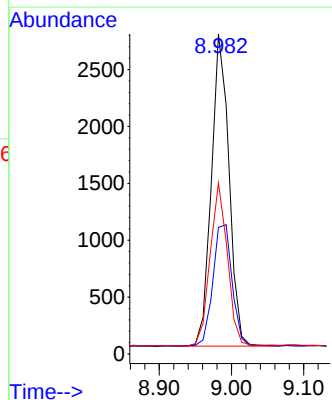
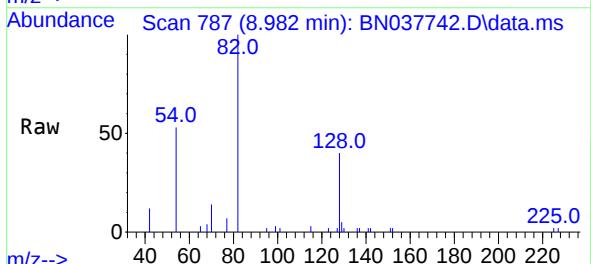


Tgt Ion:136 Resp: 20988  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.1 13.7  
54 5.7 6.3 9.5#  
68 4.6 5.0 7.4#



#8  
Nitrobenzene-d5  
Concen: 0.303 ng  
RT: 8.982 min Scan# 787  
Delta R.T. -0.011 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

Tgt Ion: 82 Resp: 4648  
Ion Ratio Lower Upper  
82 100  
128 39.6 38.3 57.5  
54 53.5 41.4 62.2

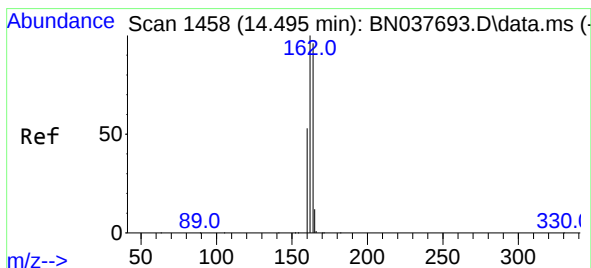
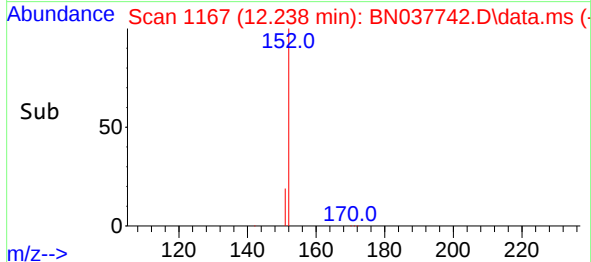
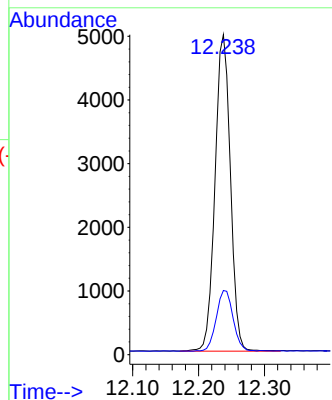
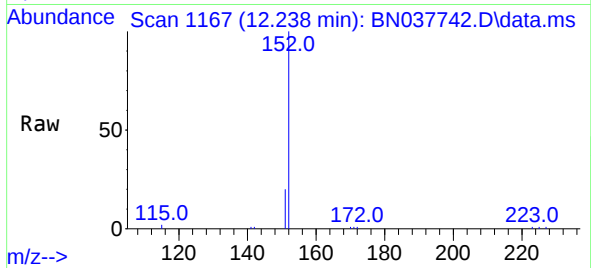




#11  
2-Methylnaphthalene-d10  
Concen: 0.289 ng  
RT: 12.238 min Scan# 1167  
Delta R.T. -0.005 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

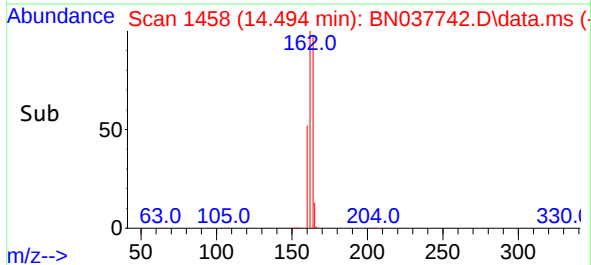
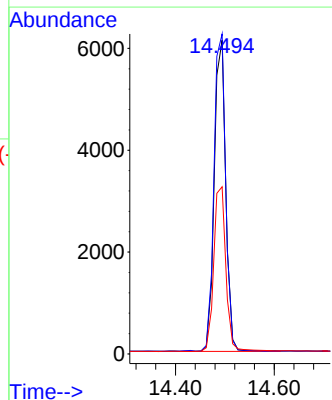
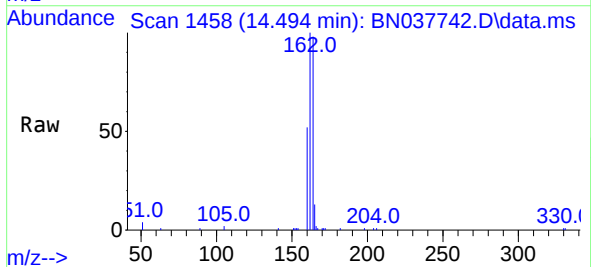
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 8034  
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: BN037742.D  
Acq: 17 Sep 2025 12:38

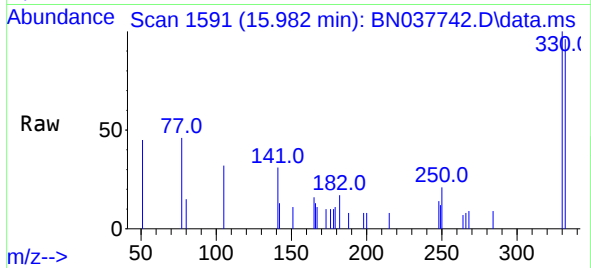
Tgt Ion:164 Resp: 9821  
Ion Ratio Lower Upper  
164 100  
162 102.0 83.1 124.7  
160 53.3 44.3 66.5



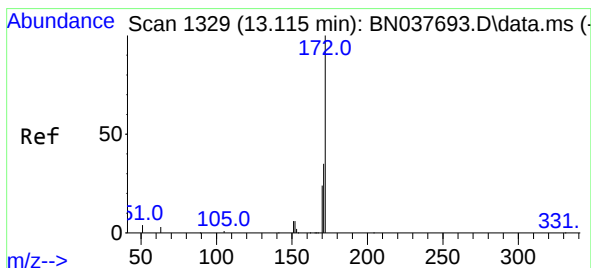
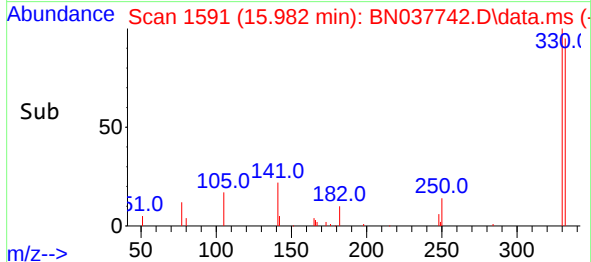
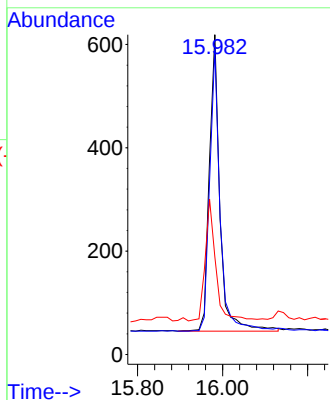


#14  
2,4,6-Tribromophenol  
Concen: 0.387 ng  
RT: 15.982 min Scan# 1591  
Delta R.T. -0.000 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

Instrument :  
BNA\_N  
ClientSampleId :

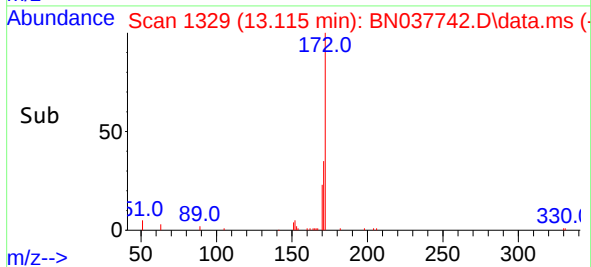
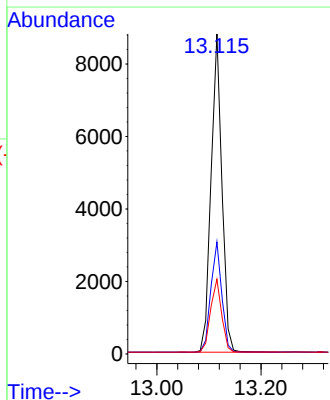
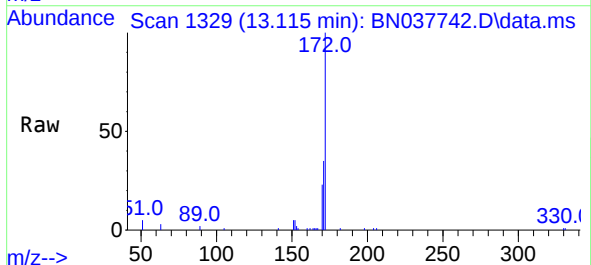


Tgt Ion:330 Resp: 991  
Ion Ratio Lower Upper  
330 100  
332 93.6 75.3 112.9  
141 40.7 35.0 52.4



#15  
2-Fluorobiphenyl  
Concen: 0.308 ng  
RT: 13.115 min Scan# 1329  
Delta R.T. -0.000 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

Tgt Ion:172 Resp: 12659  
Ion Ratio Lower Upper  
172 100  
171 35.0 28.6 43.0  
170 23.3 19.8 29.8

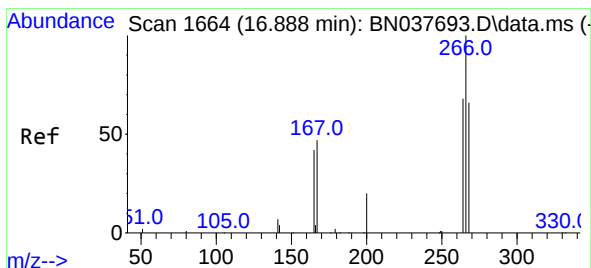
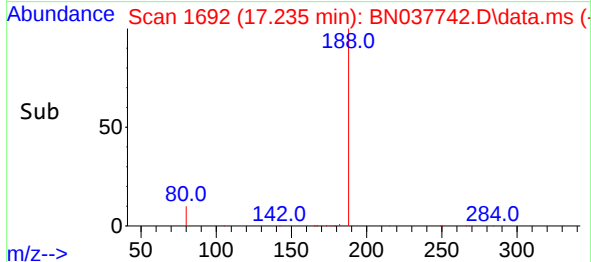
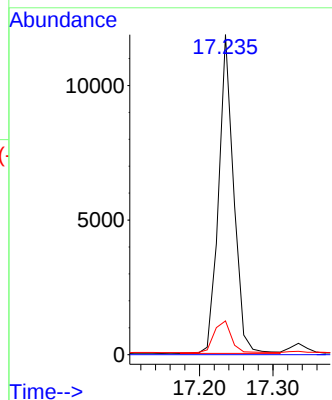
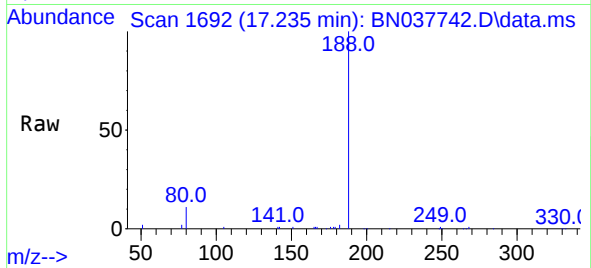




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.235 min Scan# 1692  
Delta R.T. -0.000 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

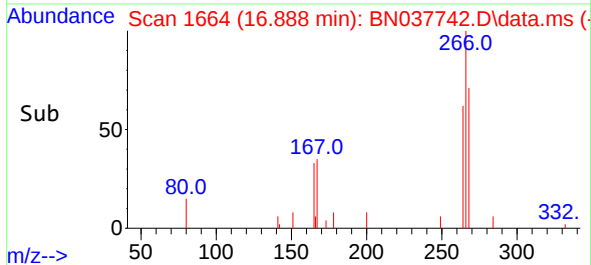
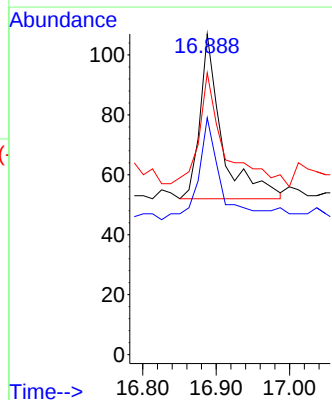
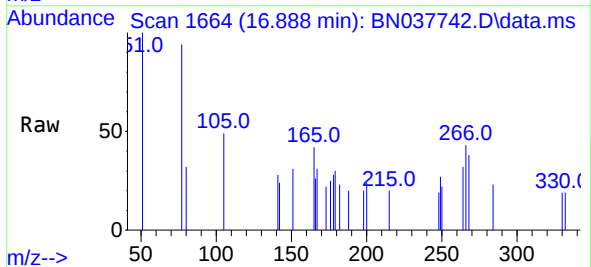
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ClientSampleId :

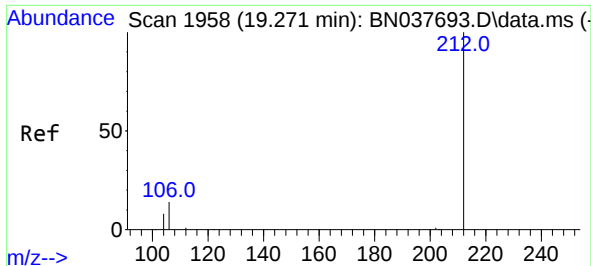
Tgt Ion:188 Resp: 16837  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.5 10.6 15.8#



#24  
Pentachlorophenol  
Concen: 0.031 ng  
RT: 16.888 min Scan# 1664  
Delta R.T. -0.000 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

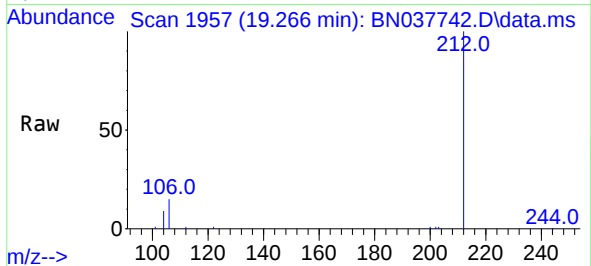
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Ion Ratio Lower Upper  
266 100  
264 61.4 51.6 77.4  
268 81.6 53.2 79.8#



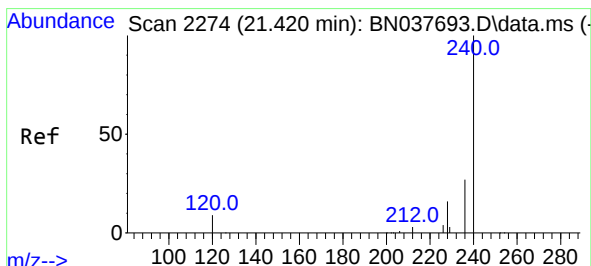
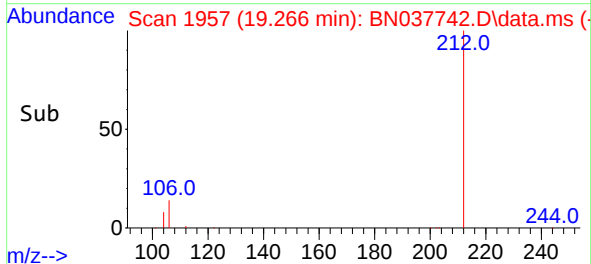
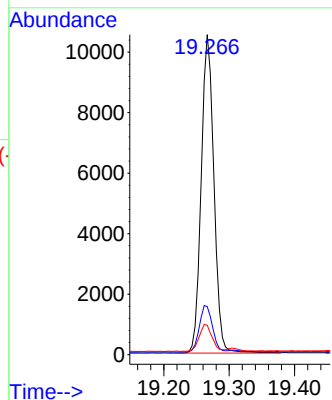


#27  
Fluoranthene-d10  
Concen: 0.336 ng  
RT: 19.266 min Scan# 1957  
Delta R.T. -0.005 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

Instrument :  
BNA\_N  
ClientSampleId :

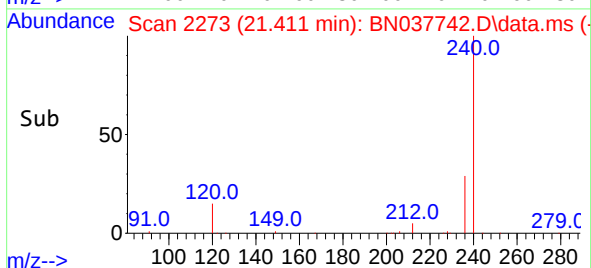
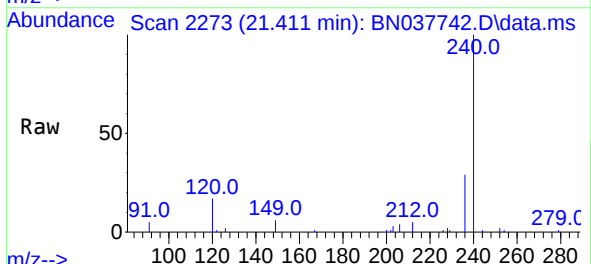
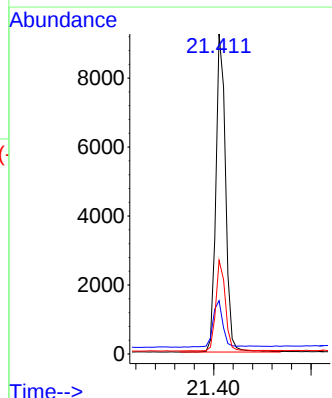


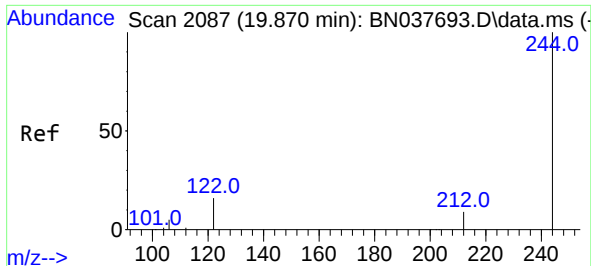
Tgt Ion:212 Resp: 14185  
Ion Ratio Lower Upper  
212 100  
106 15.0 12.2 18.2  
104 8.6 6.9 10.3



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.411 min Scan# 2273  
Delta R.T. -0.009 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

Tgt Ion:240 Resp: 12718  
Ion Ratio Lower Upper  
240 100  
120 16.7 9.2 13.8#  
236 29.3 22.6 33.8



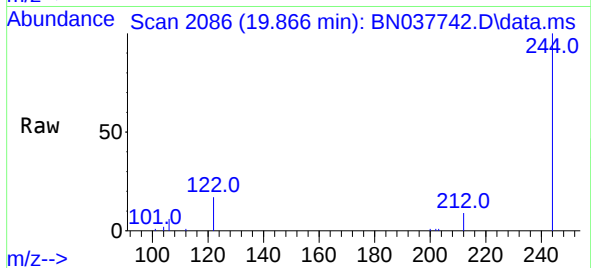


#31  
 Terphenyl-d14  
 Concen: 0.495 ng  
 RT: 19.866 min Scan# 2087  
 Delta R.T. -0.005 min  
 Lab File: BN037742.D  
 Acq: 17 Sep 2025 12:38

Instrument :

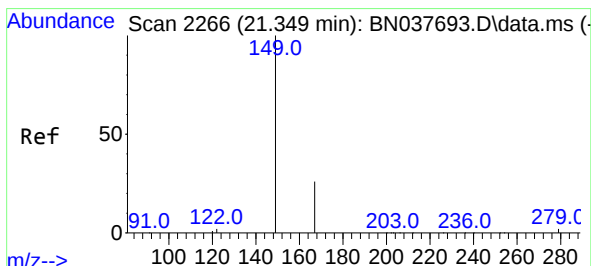
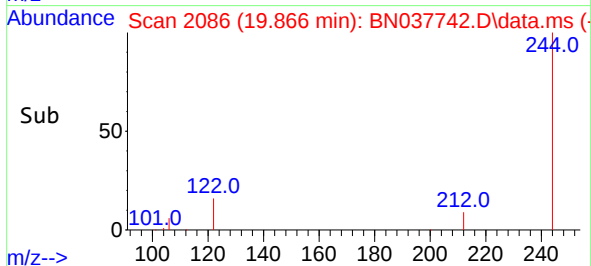
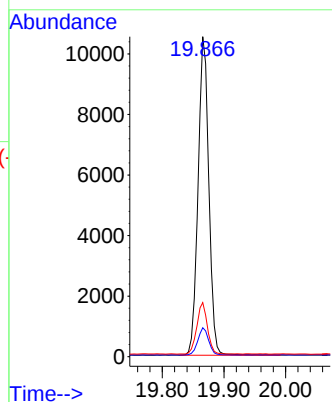
BNA\_N

ClientSampleId :



Tgt Ion:244 Resp: 12772

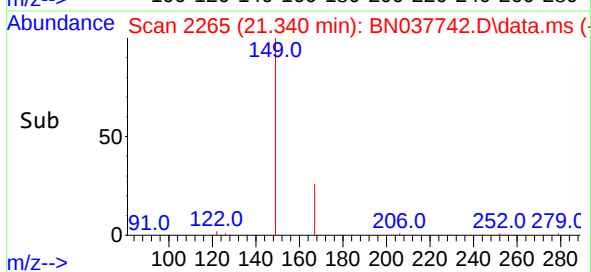
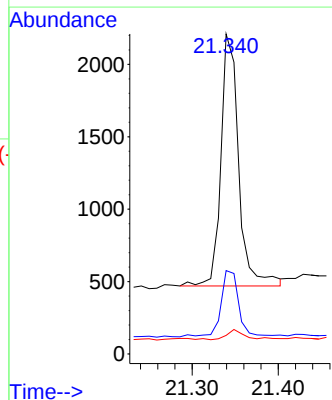
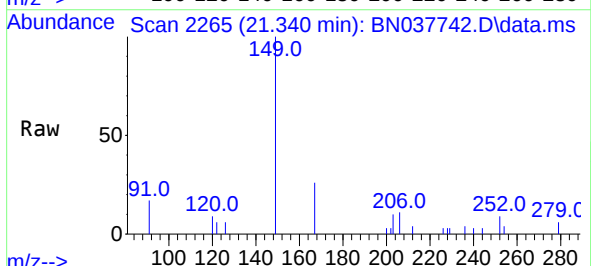
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 9.1   | 7.5   | 11.3  |
| 122 | 16.9  | 13.2  | 19.8  |

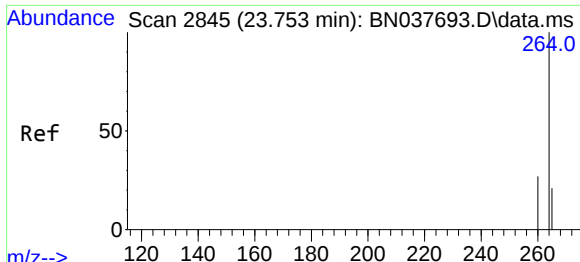


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.189 ng  
 RT: 21.340 min Scan# 2265  
 Delta R.T. -0.009 min  
 Lab File: BN037742.D  
 Acq: 17 Sep 2025 12:38

Tgt Ion:149 Resp: 2491

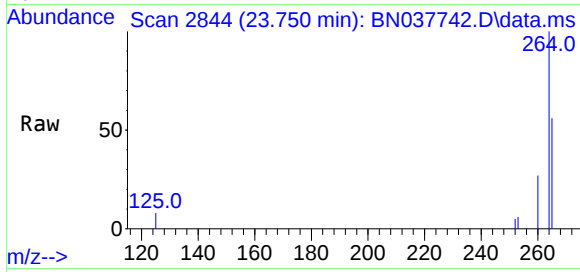
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.2  | 20.8  | 31.2  |
| 279 | 3.6   | 3.3   | 4.9   |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.750 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BN037742.D  
Acq: 17 Sep 2025 12:38

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 12632

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.3  | 21.8  | 32.8  |
| 265 | 56.2  | 39.4  | 59.2  |

