

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN032825\  
 Data File : BN036797.D  
 Acq On : 29 Mar 2025 06:19  
 Operator : RC/JU  
 Sample : Q1629-01  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Mar 31 01:58:07 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 10 16:06:28 2025  
 Response via : Initial Calibration

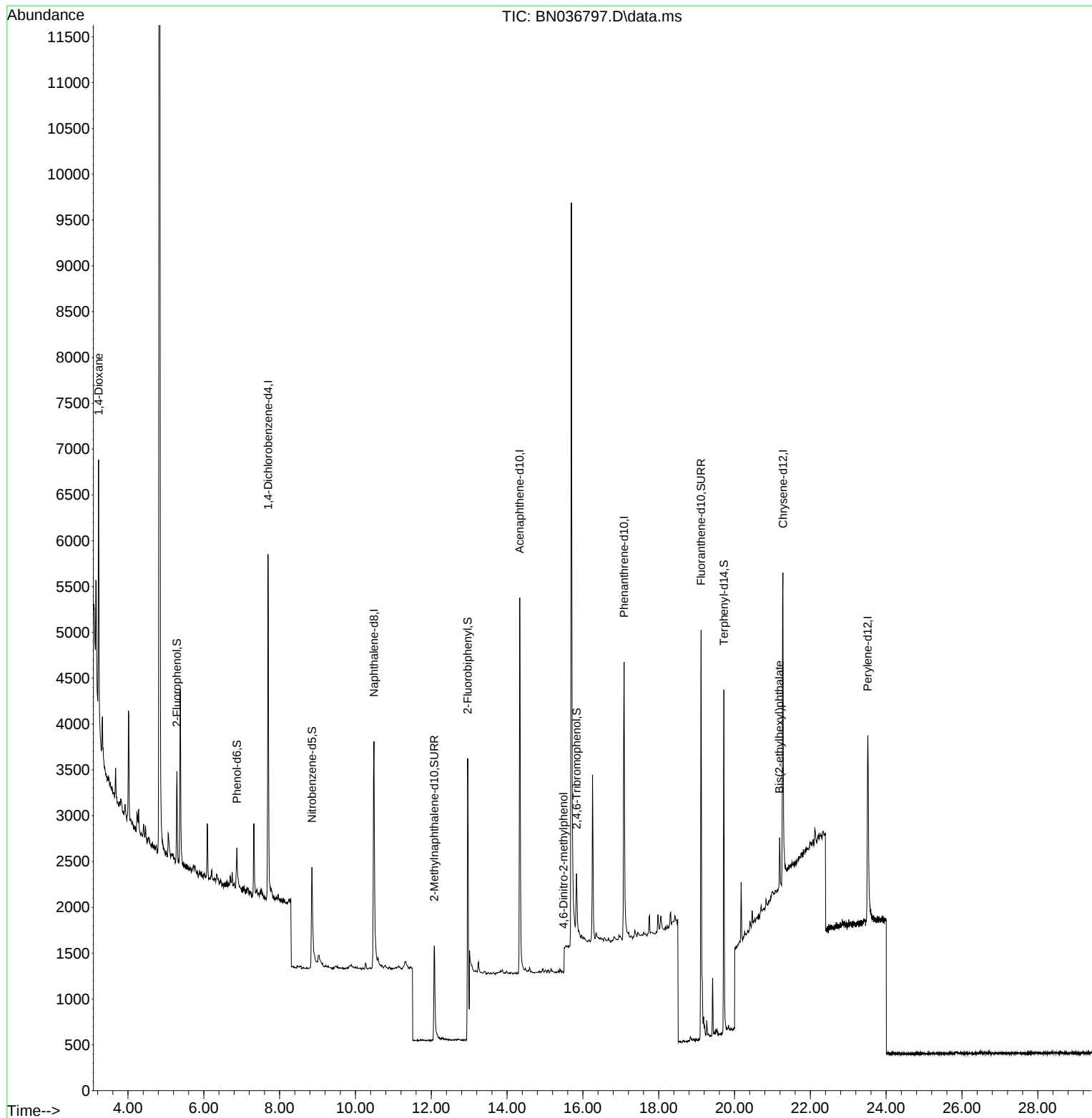
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.696  | 152  | 1885     | 0.400 | ng    | -0.03    |
| 7) Naphthalene-d8             | 10.487 | 136  | 4295     | 0.400 | ng    | -0.02    |
| 13) Acenaphthene-d10          | 14.334 | 164  | 2635     | 0.400 | ng    | -0.03    |
| 19) Phenanthrene-d10          | 17.086 | 188  | 5199     | 0.400 | ng    | -0.02    |
| 29) Chrysene-d12              | 21.277 | 240  | 3937     | 0.400 | ng    | -0.02    |
| 35) Perylene-d12              | 23.516 | 264  | 3340     | 0.400 | ng    | -0.04    |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.291  | 112  | 680      | 0.155 | ng    | -0.02    |
| 5) Phenol-d6                  | 6.872  | 99   | 438      | 0.081 | ng    | -0.03    |
| 8) Nitrobenzene-d5            | 8.854  | 82   | 1384     | 0.296 | ng    | -0.02    |
| 11) 2-Methylnaphthalene-d10   | 12.080 | 152  | 2027     | 0.317 | ng    | -0.03    |
| 14) 2,4,6-Tribromophenol      | 15.833 | 330  | 434      | 0.363 | ng    | -0.02    |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 4814     | 0.314 | ng    | -0.03    |
| 27) Fluoranthene-d10          | 19.118 | 212  | 5488     | 0.412 | ng    | -0.02    |
| 31) Terphenyl-d14             | 19.717 | 244  | 3865     | 0.410 | ng    | -0.03    |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.225  | 88   | 1464     | 0.700 | ng    | # 81     |
| 20) 4,6-Dinitro-2-methylph... | 15.489 | 198  | 3        | 0.148 | ng    | # 4      |
| 34) Bis(2-ethylhexyl)phtha... | 21.187 | 149  | 640      | 0.066 | ng    | # 94     |
| -----                         |        |      |          |       |       |          |

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

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Sample : Q1629-01  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

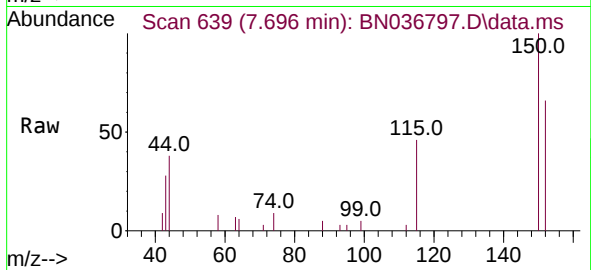
Quant Time: Mar 31 01:58:07 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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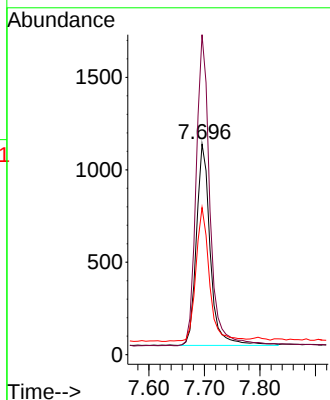
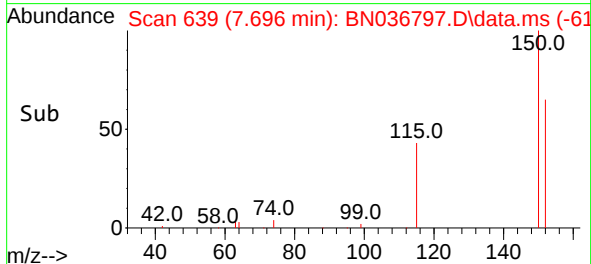


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.696 min Scan# 61  
 Delta R.T. -0.028 min  
 Lab File: BN036797.D  
 Acq: 29 Mar 2025 06:19

Instrument :  
 BNA\_N  
 ClientSampleId :

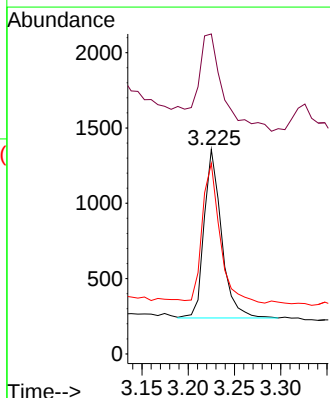
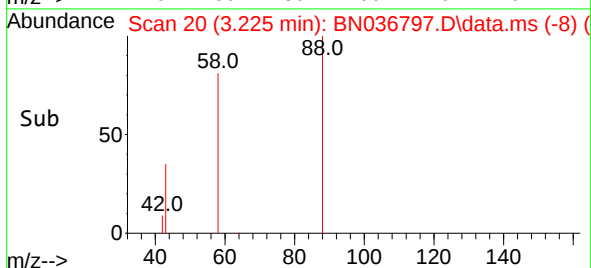
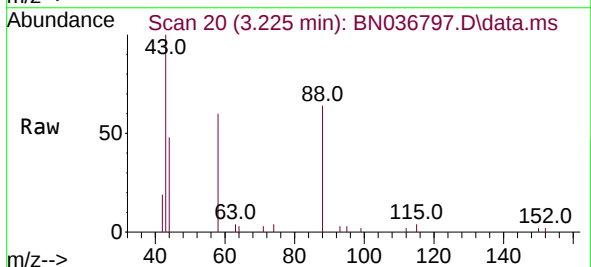


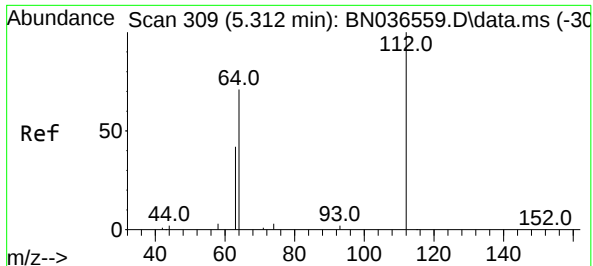
Tgt Ion:152 Resp: 1885  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 123.7 185.5  
 115 69.9 54.3 81.5



#2  
 1,4-Dioxane  
 Concen: 0.700 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.014 min  
 Lab File: BN036797.D  
 Acq: 29 Mar 2025 06:19

Tgt Ion: 88 Resp: 1464  
 Ion Ratio Lower Upper  
 88 100  
 43 82.0 37.8 56.8#  
 58 85.0 67.4 101.2

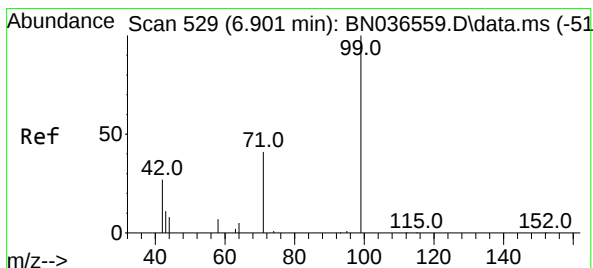
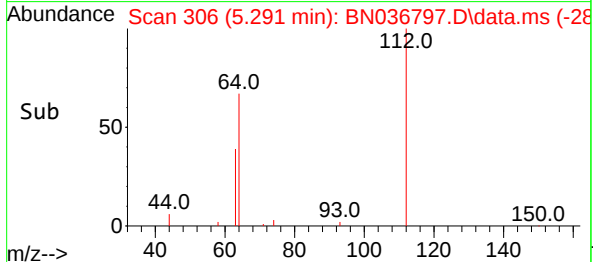
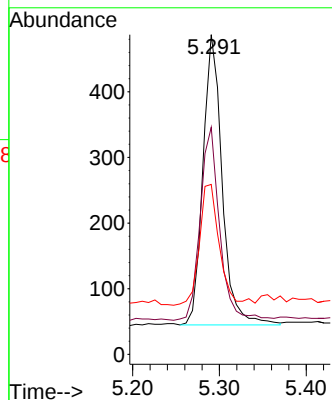
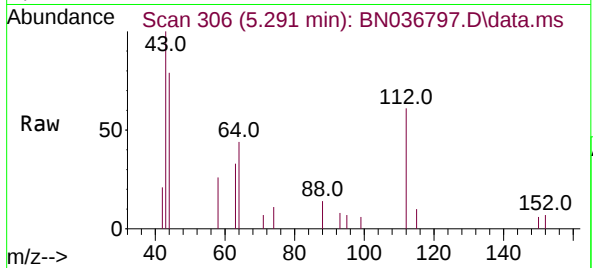




#4  
2-Fluorophenol  
Concen: 0.155 ng  
RT: 5.291 min Scan# 309  
Delta R.T. -0.022 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

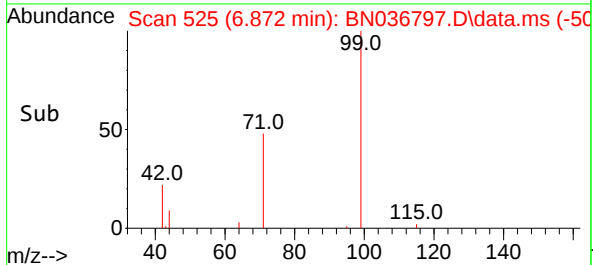
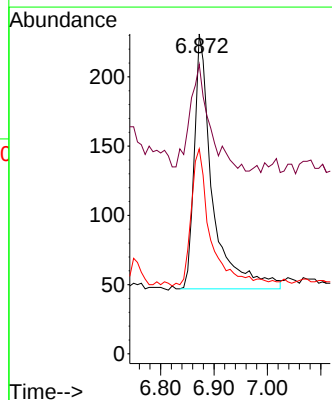
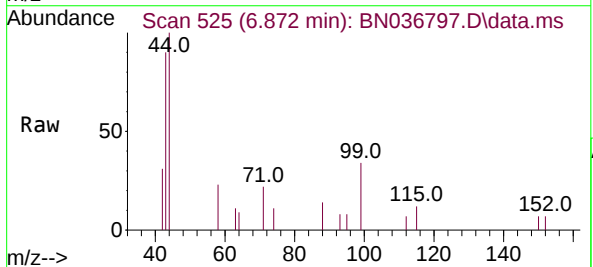
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:112 Resp: 680  
Ion Ratio Lower Upper  
112 100  
64 67.4 53.1 79.7  
63 42.6 31.8 47.8



#5  
Phenol-d6  
Concen: 0.081 ng  
RT: 6.872 min Scan# 525  
Delta R.T. -0.029 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

Tgt Ion: 99 Resp: 438  
Ion Ratio Lower Upper  
99 100  
42 45.2 26.5 39.7#  
71 58.0 34.1 51.1#

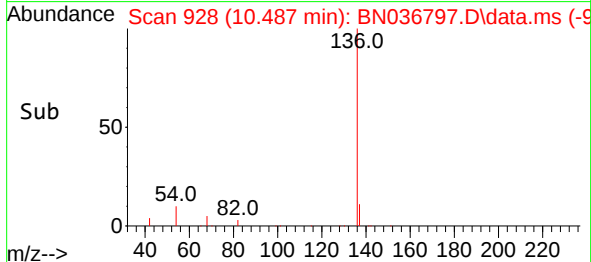
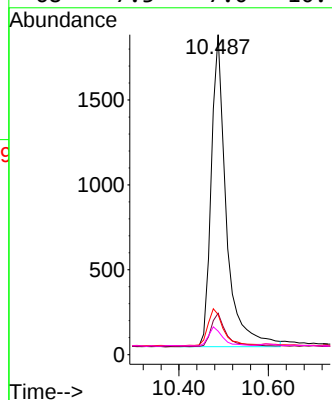
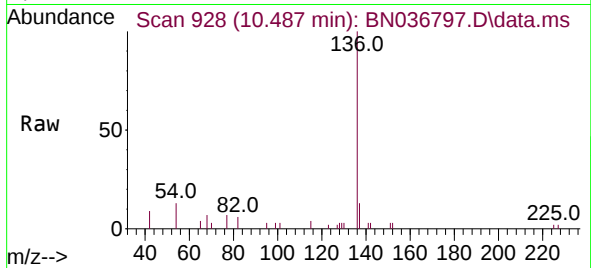




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.487 min Scan# 91  
Delta R.T. -0.021 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

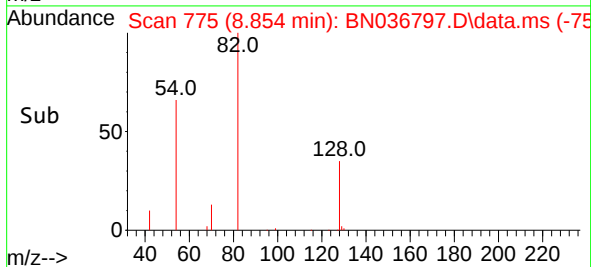
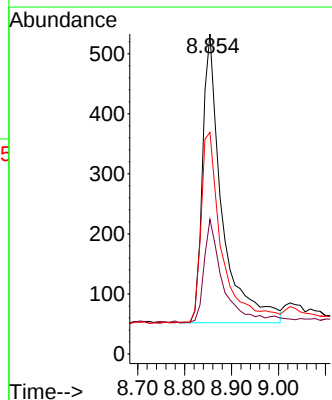
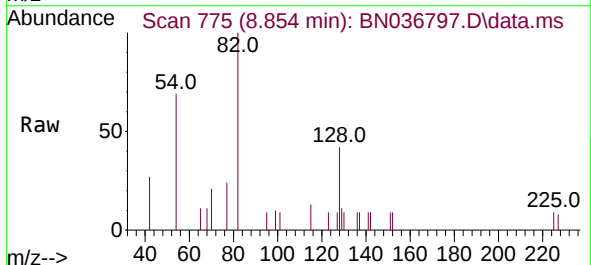
Instrument :  
BNA\_N  
ClientSampleId :

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:136 | Resp: | 4295        |
| Ion         | Ratio | Lower Upper |
| 136         | 100   |             |
| 137         | 12.9  | 10.3 15.5   |
| 54          | 12.5  | 11.5 17.3   |
| 68          | 7.3   | 7.0 10.4    |



#8  
Nitrobenzene-d5  
Concen: 0.296 ng  
RT: 8.854 min Scan# 775  
Delta R.T. -0.021 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

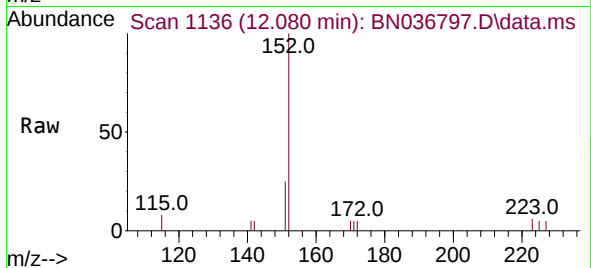
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion: 82 | Resp: | 1384        |
| Ion         | Ratio | Lower Upper |
| 82          | 100   |             |
| 128         | 42.0  | 30.6 45.8   |
| 54          | 69.2  | 52.2 78.4   |



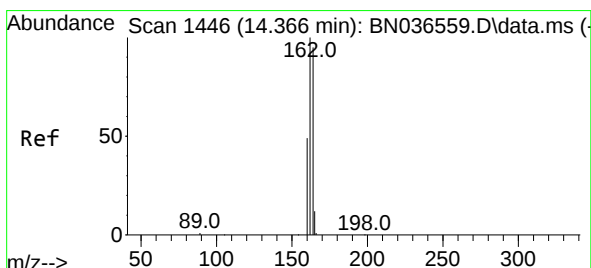
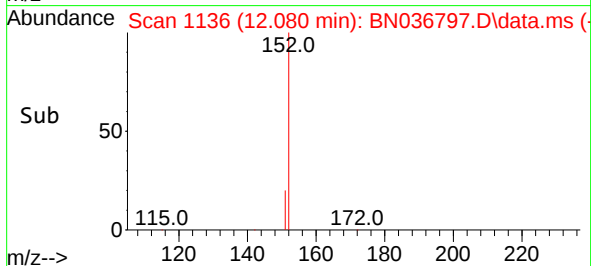
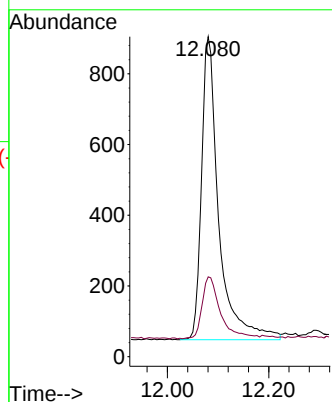


#11  
2-Methylnaphthalene-d10  
Concen: 0.317 ng  
RT: 12.080 min Scan# 1142  
Delta R.T. -0.030 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

Instrument :  
BNA\_N  
ClientSampleId :

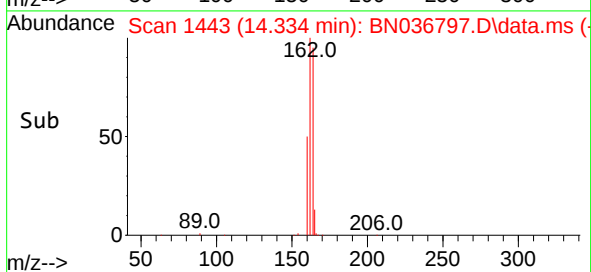
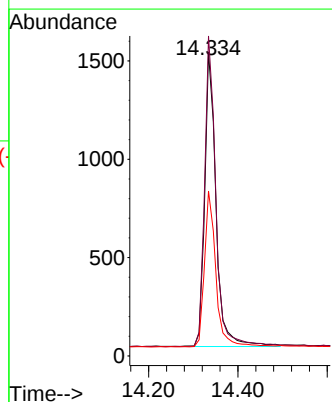
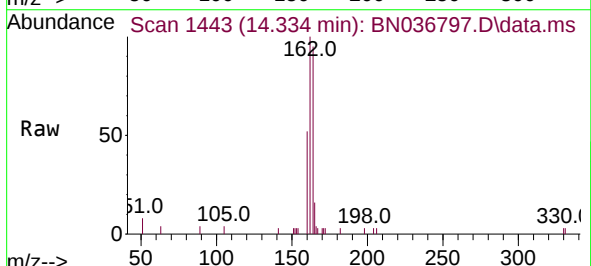


Tgt Ion:152 Resp: 2027  
Ion Ratio Lower Upper  
152 100  
151 21.8 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.334 min Scan# 1443  
Delta R.T. -0.032 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

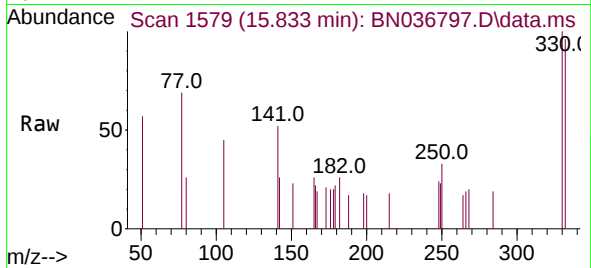
Tgt Ion:164 Resp: 2635  
Ion Ratio Lower Upper  
164 100  
162 105.4 84.2 126.2  
160 54.4 42.2 63.2



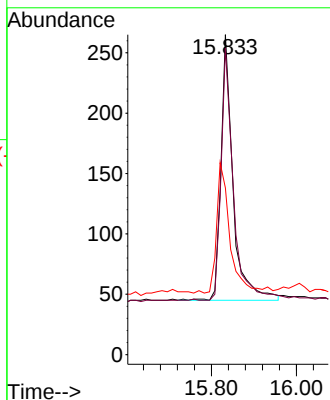
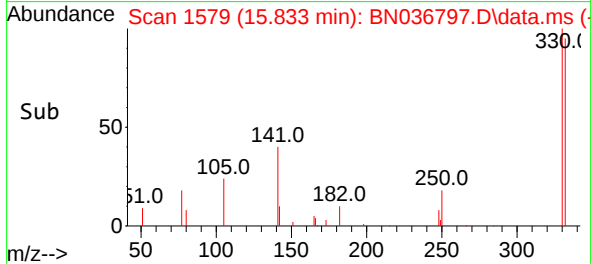


#14  
2,4,6-Tribromophenol  
Concen: 0.363 ng  
RT: 15.833 min Scan# 11  
Delta R.T. -0.025 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

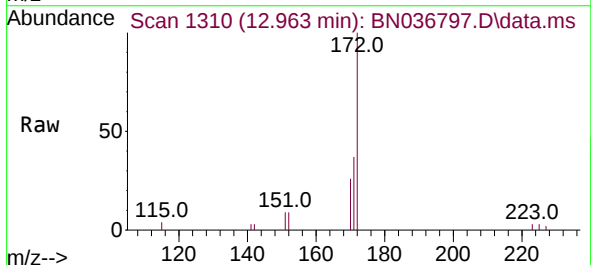
Instrument :  
BNA\_N  
ClientSampleId :



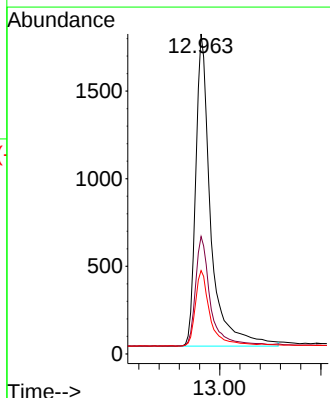
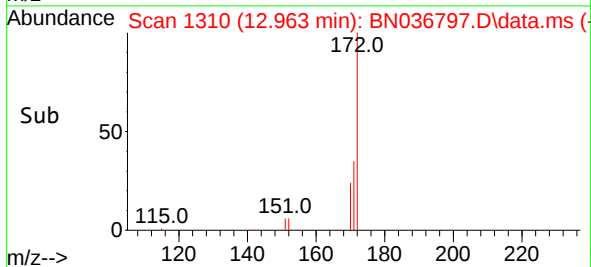
Tgt Ion:330 Resp: 434  
Ion Ratio Lower Upper  
330 100  
332 97.0 75.2 112.8  
141 54.1 43.4 65.2

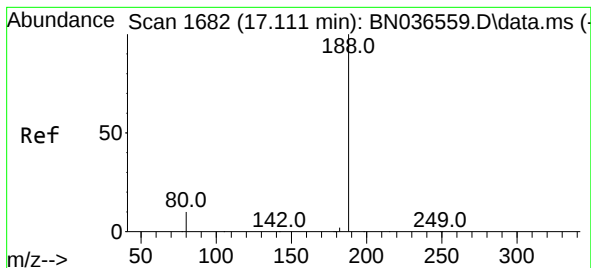


#15  
2-Fluorobiphenyl  
Concen: 0.314 ng  
RT: 12.963 min Scan# 1310  
Delta R.T. -0.025 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19



Tgt Ion:172 Resp: 4814  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.5 44.3  
170 26.1 20.2 30.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.086 min Scan# 1

Delta R.T. -0.025 min

Lab File: BN036797.D

Acq: 29 Mar 2025 06:19

Instrument :

BNA\_N

ClientSampleId :

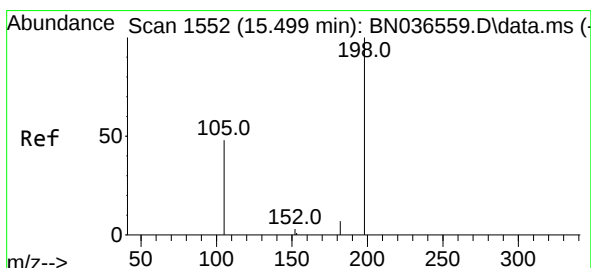
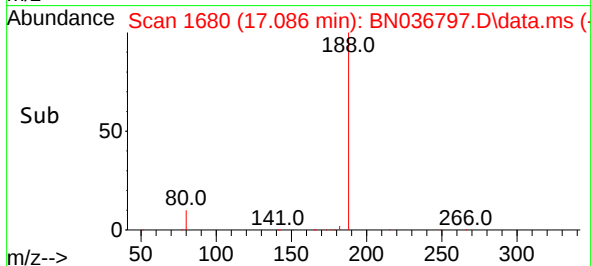
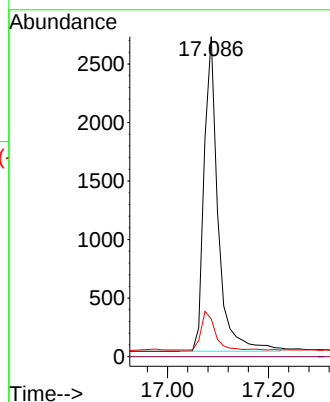
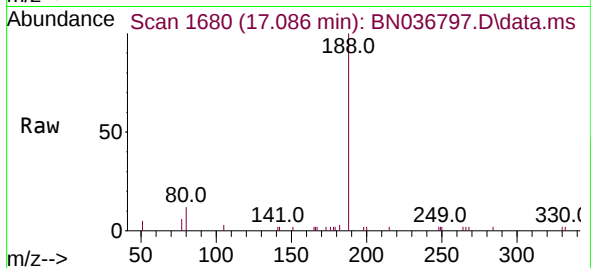
Tgt Ion:188 Resp: 5199

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 8.8 13.2



#20

4,6-Dinitro-2-methylphenol

Concen: 0.148 ng

RT: 15.489 min Scan# 1551

Delta R.T. -0.010 min

Lab File: BN036797.D

Acq: 29 Mar 2025 06:19

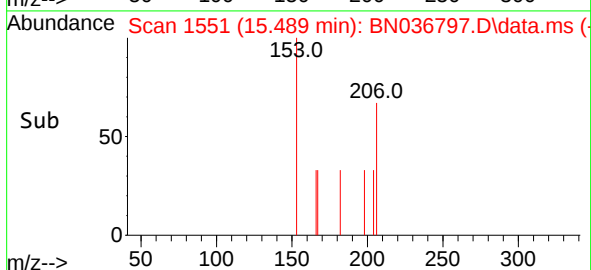
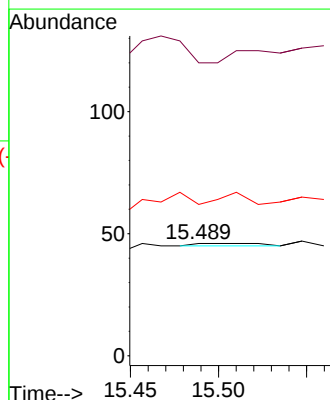
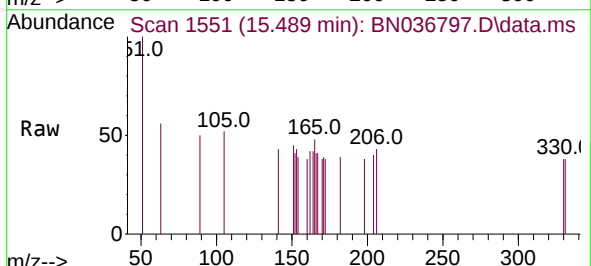
Tgt Ion:198 Resp: 3

Ion Ratio Lower Upper

198 100

51 260.9 107.9 161.9#

105 134.8 56.2 84.2#

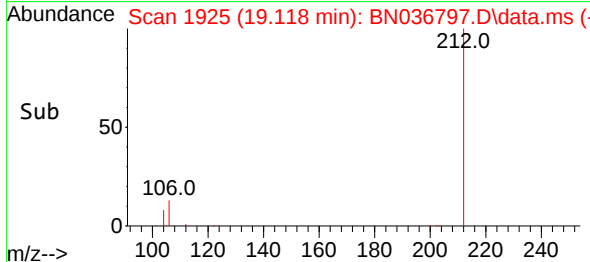
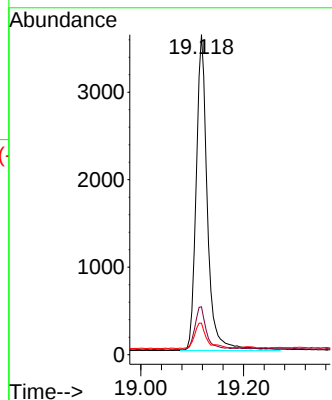
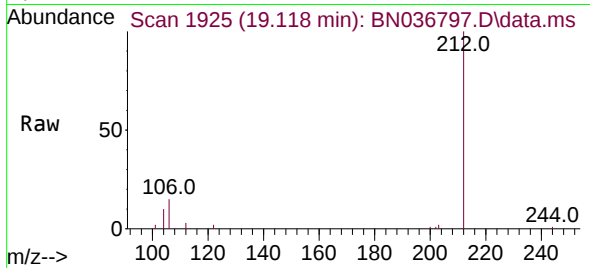




#27  
Fluoranthene-d10  
Concen: 0.412 ng  
RT: 19.118 min Scan# 19  
Delta R.T. -0.023 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

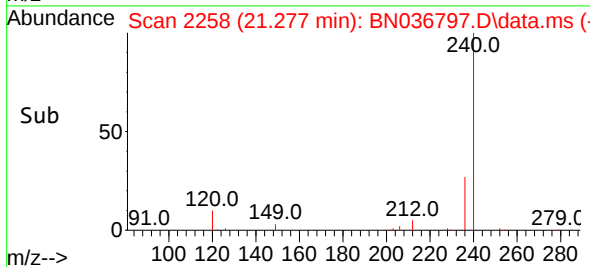
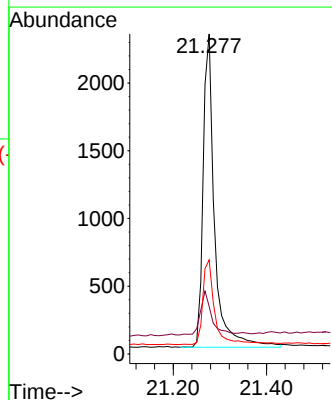
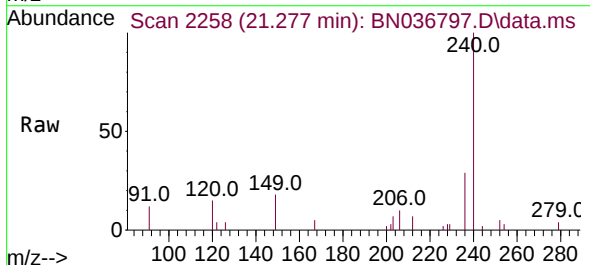
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:212 Resp: 5488  
Ion Ratio Lower Upper  
212 100  
106 13.7 11.8 17.6  
104 8.8 7.3 10.9



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.277 min Scan# 2258  
Delta R.T. -0.018 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

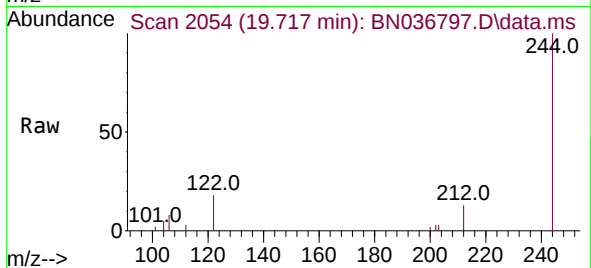
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Ion Ratio Lower Upper  
240 100  
120 14.9 14.6 22.0  
236 29.4 24.1 36.1



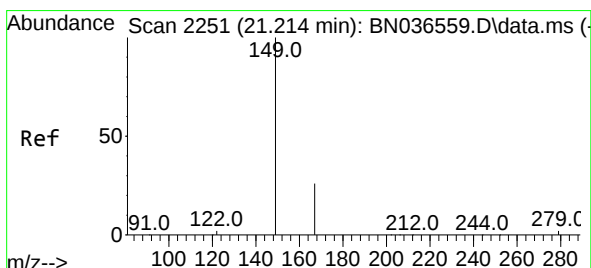
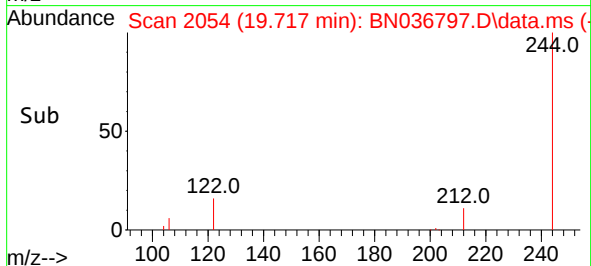
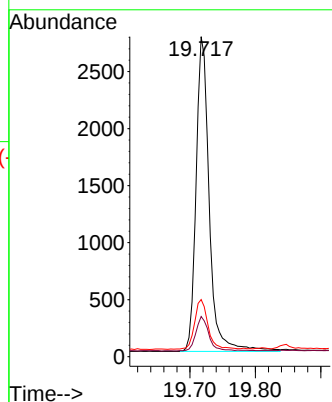


#31  
 Terphenyl-d14  
 Concen: 0.410 ng  
 RT: 19.717 min Scan# 2060  
 Delta R.T. -0.028 min  
 Lab File: BN036797.D  
 Acq: 29 Mar 2025 06:19

Instrument :  
 BNA\_N  
 ClientSampleId :

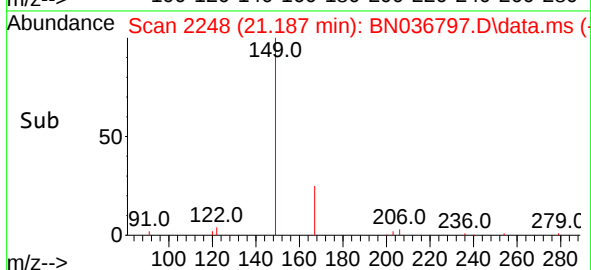
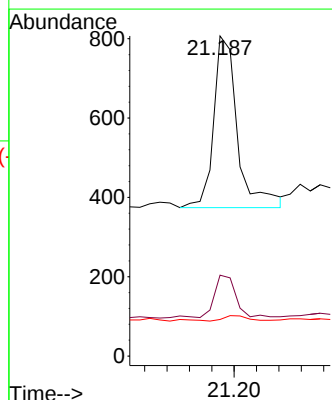
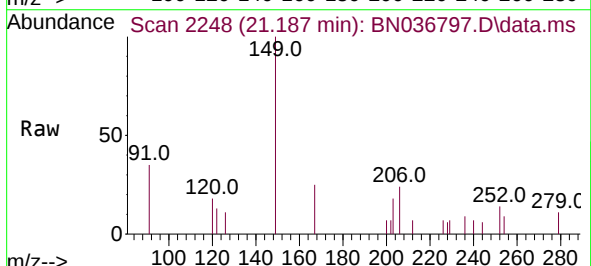


Tgt Ion:244 Resp: 3865  
 Ion Ratio Lower Upper  
 244 100  
 212 12.5 9.6 14.4  
 122 17.9 13.9 20.9



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.066 ng  
 RT: 21.187 min Scan# 2248  
 Delta R.T. -0.027 min  
 Lab File: BN036797.D  
 Acq: 29 Mar 2025 06:19

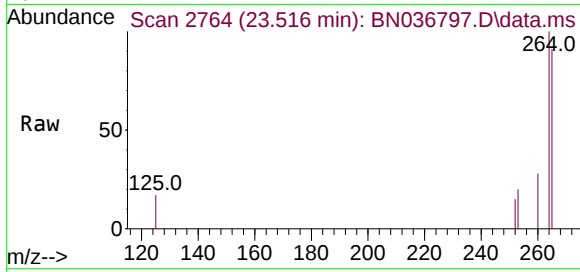
Tgt Ion:149 Resp: 640  
 Ion Ratio Lower Upper  
 149 100  
 167 22.5 20.7 31.1  
 279 3.1 3.6 5.4#





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.516 min Scan# 21  
Delta R.T. -0.038 min  
Lab File: BN036797.D  
Acq: 29 Mar 2025 06:19

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 3340

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 27.9  | 22.6  | 33.8  |
| 265 | 91.1  | 88.1  | 132.1 |

