

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091925\  
 Data File : BN037815.D  
 Acq On : 19 Sep 2025 15:32  
 Operator : RC/JU  
 Sample : Q3095-27  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Sep 19 16:55:45 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

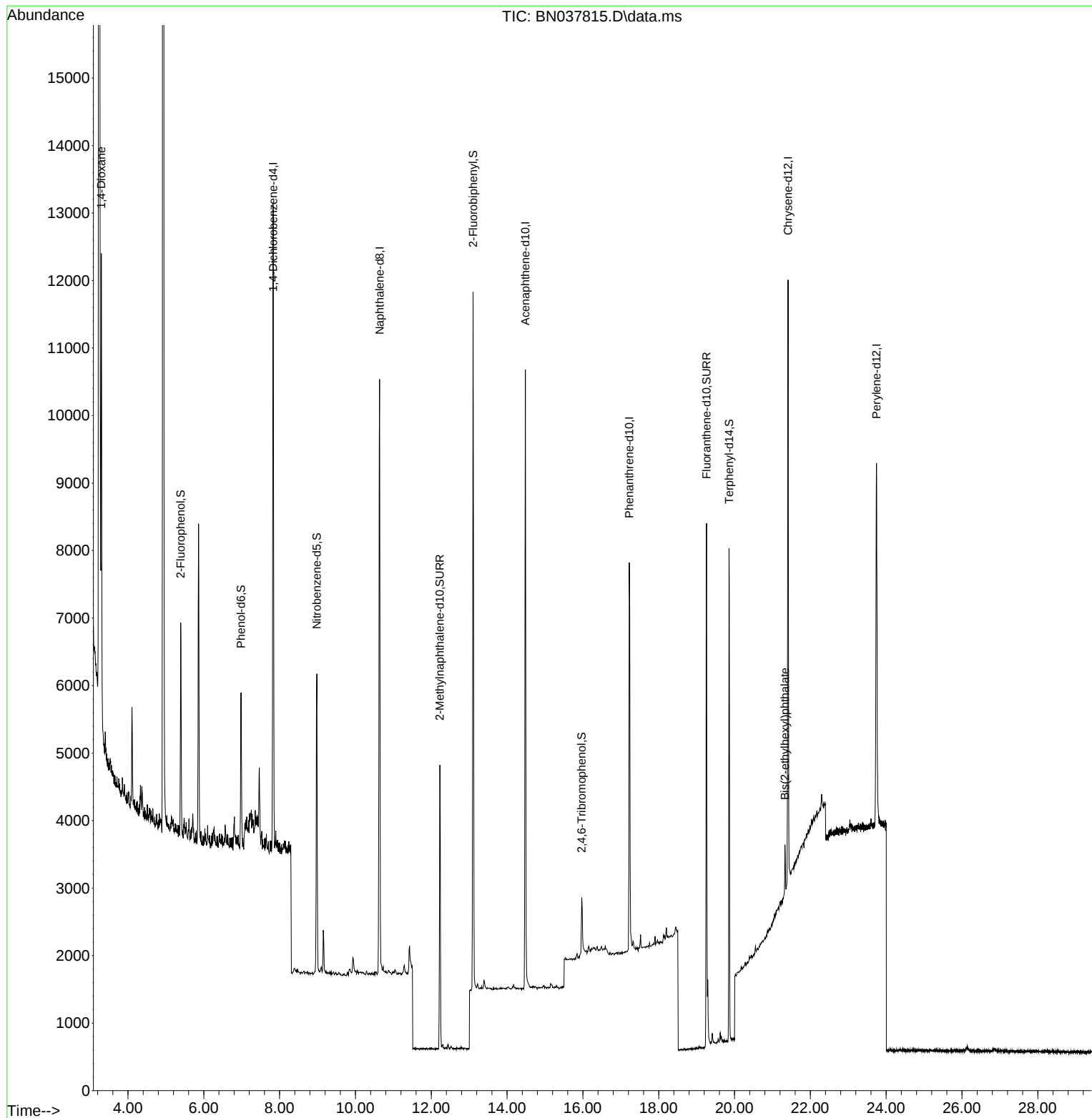
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.833  | 152  | 4745     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.637 | 136  | 12184    | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.484 | 164  | 5111     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.223 | 188  | 8978     | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12              | 21.411 | 240  | 8113     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.744 | 264  | 7855     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.391  | 112  | 2461     | 0.226 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.980  | 99   | 1910     | 0.135 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.982  | 82   | 3685     | 0.413 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.227 | 152  | 5602     | 0.347 | ng    | -0.02    |
| 14) 2,4,6-Tribromophenol      | 15.969 | 330  | 591      | 0.443 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.105 | 172  | 8625     | 0.403 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.262 | 212  | 8803     | 0.391 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.856 | 244  | 6620     | 0.402 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.297  | 88   | 3638     | 0.736 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.331 | 149  | 723      | 0.086 | ng    | # 92     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN091925\  
Data File : BN037815.D  
Acq On : 19 Sep 2025 15:32  
Operator : RC/JU  
Sample : Q3095-27  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

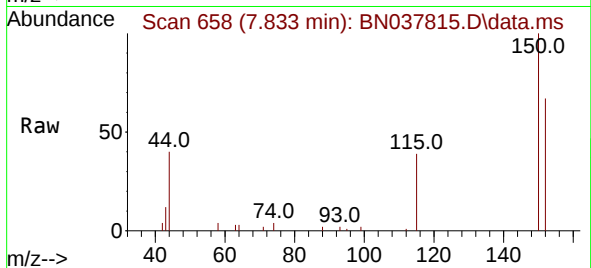
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN091125.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Sep 11 14:20:01 2025  
Response via : Initial Calibration



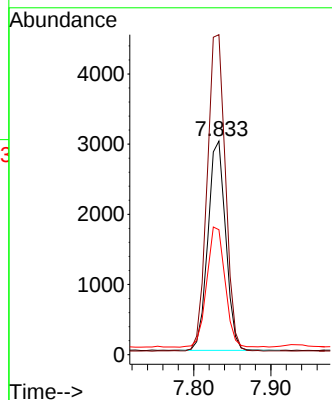
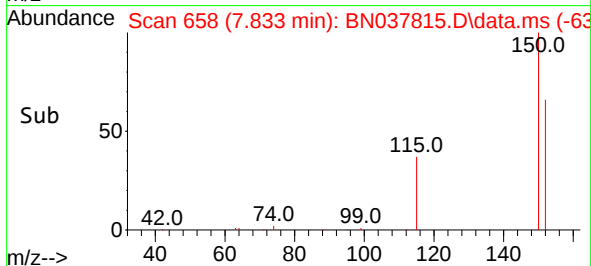


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.833 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN037815.D  
 Acq: 19 Sep 2025 15:32

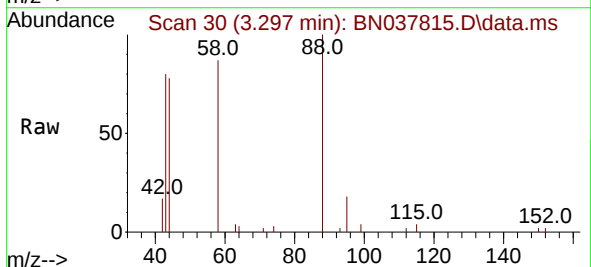
Instrument :  
 BNA\_N  
 ClientSampleId :



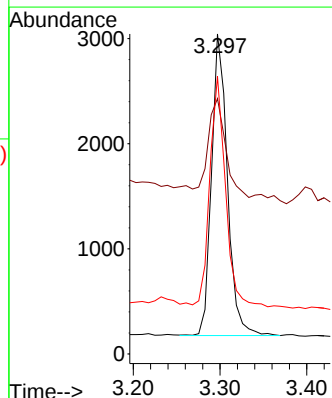
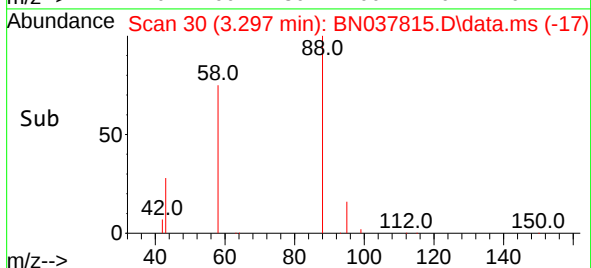
Tgt Ion:152 Resp: 4745  
 Ion Ratio Lower Upper  
 152 100  
 150 149.8 124.5 186.7  
 115 58.5 49.2 73.8



#2  
 1,4-Dioxane  
 Concen: 0.736 ng  
 RT: 3.297 min Scan# 30  
 Delta R.T. -0.007 min  
 Lab File: BN037815.D  
 Acq: 19 Sep 2025 15:32



Tgt Ion: 88 Resp: 3638  
 Ion Ratio Lower Upper  
 88 100  
 43 34.2 26.8 40.2  
 58 75.1 61.9 92.9

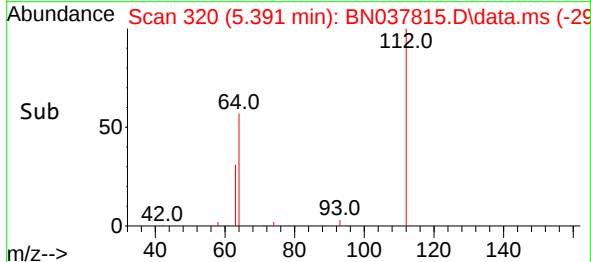
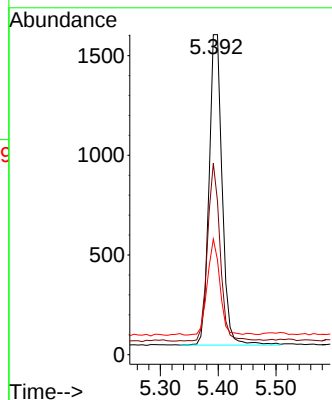
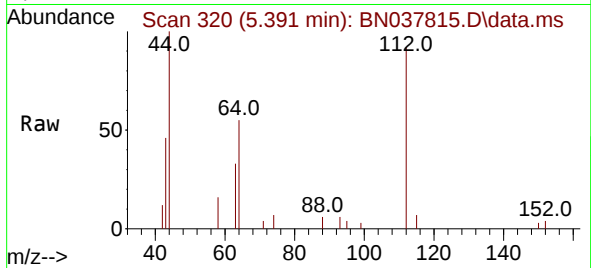




#4  
2-Fluorophenol  
Concen: 0.226 ng  
RT: 5.391 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

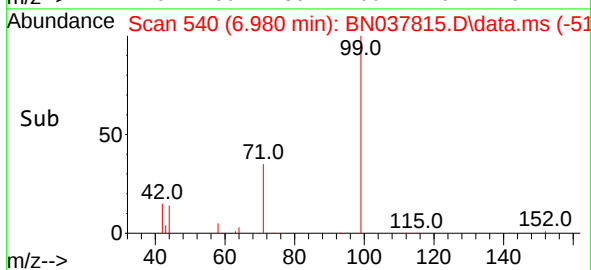
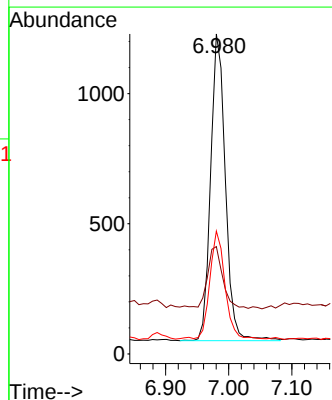
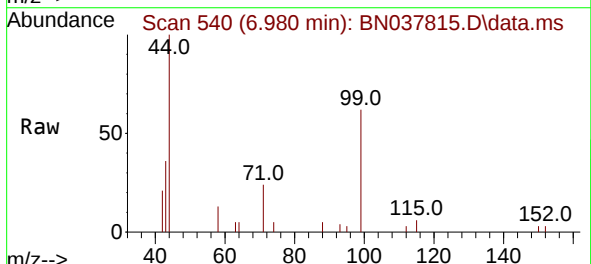
Instrument :  
BNA\_N  
ClientSampleId :

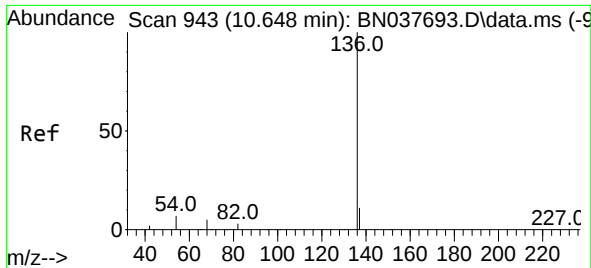
Tgt Ion:112 Resp: 2461  
Ion Ratio Lower Upper  
112 100  
64 55.1 44.9 67.3  
63 29.2 24.7 37.1



#5  
Phenol-d6  
Concen: 0.135 ng  
RT: 6.980 min Scan# 540  
Delta R.T. -0.007 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

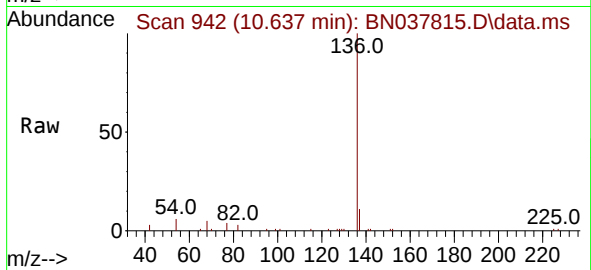
Tgt Ion: 99 Resp: 1910  
Ion Ratio Lower Upper  
99 100  
42 20.6 16.6 24.8  
71 36.5 26.7 40.1



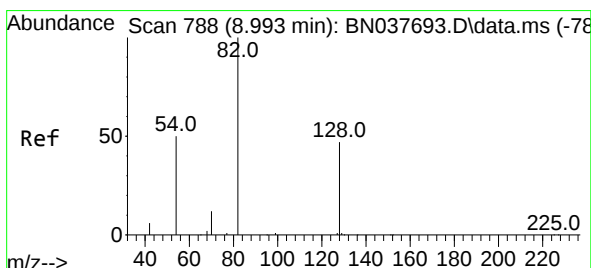
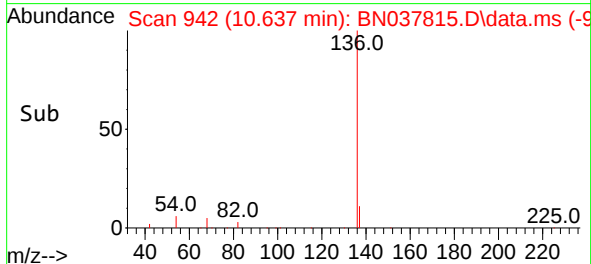
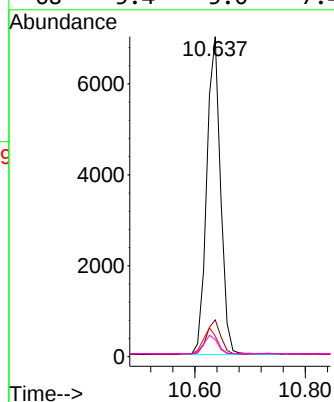


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.637 min Scan# 94  
Delta R.T. -0.011 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

Instrument :  
BNA\_N  
ClientSampleId :

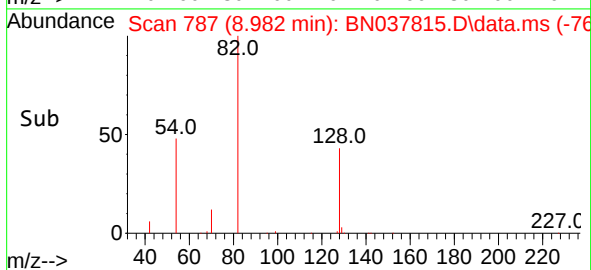
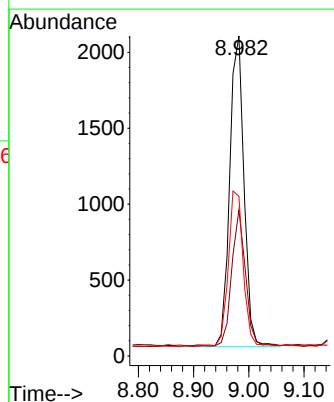
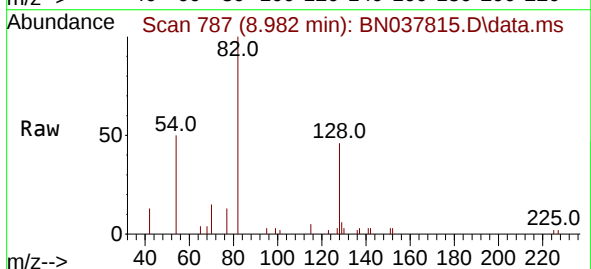


Tgt Ion:136 Resp: 12184  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.1 13.7  
54 6.4 6.3 9.5  
68 5.4 5.0 7.4



#8  
Nitrobenzene-d5  
Concen: 0.413 ng  
RT: 8.982 min Scan# 787  
Delta R.T. -0.011 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

Tgt Ion: 82 Resp: 3685  
Ion Ratio Lower Upper  
82 100  
128 45.6 38.3 57.5  
54 49.9 41.4 62.2

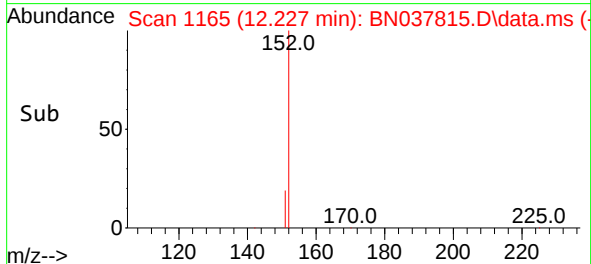
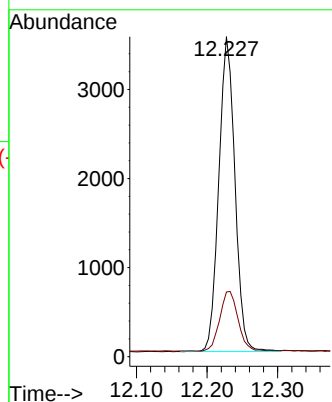
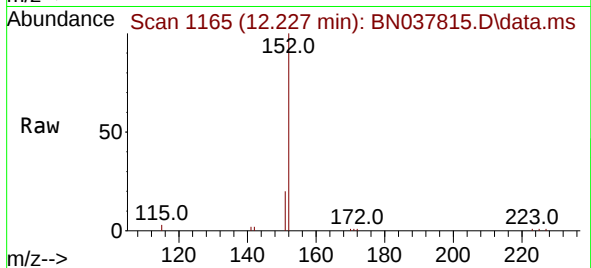




#11  
2-Methylnaphthalene-d10  
Concen: 0.347 ng  
RT: 12.227 min Scan# 1165  
Delta R.T. -0.015 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

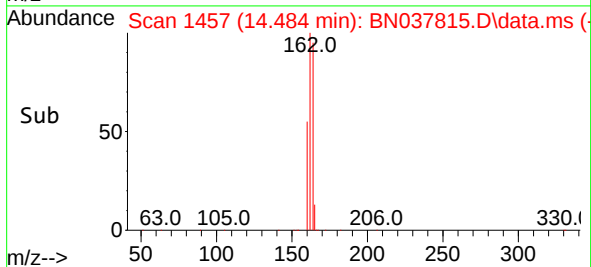
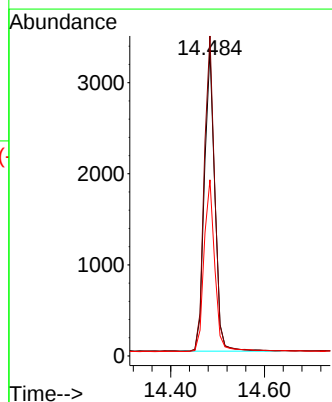
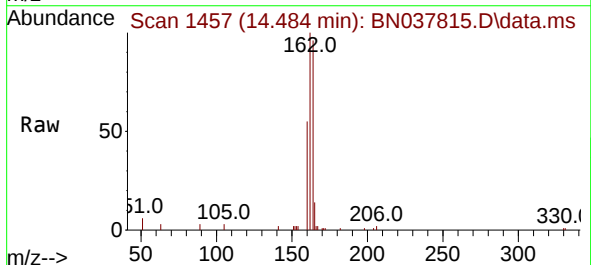
Instrument :  
BNA\_N  
ClientSampleId :

Tgt Ion:152 Resp: 5602  
Ion Ratio Lower Upper  
152 100  
151 21.6 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.484 min Scan# 1457  
Delta R.T. -0.011 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

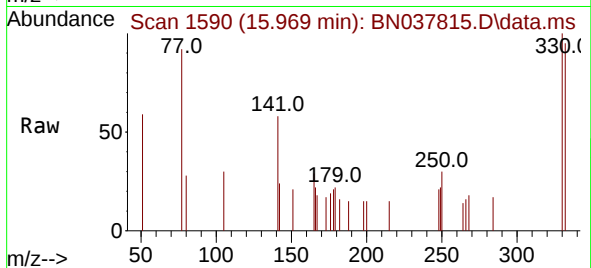
Tgt Ion:164 Resp: 5111  
Ion Ratio Lower Upper  
164 100  
162 104.7 83.1 124.7  
160 57.6 44.3 66.5



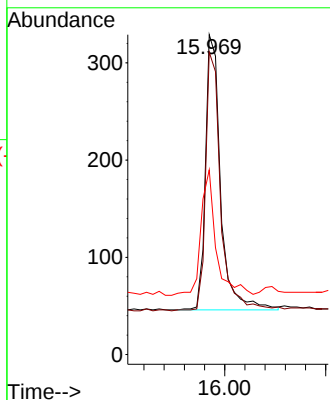
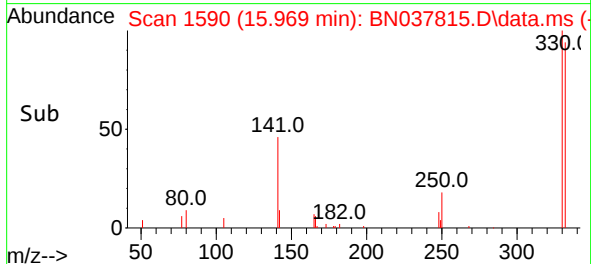


#14  
2,4,6-Tribromophenol  
Concen: 0.443 ng  
RT: 15.969 min Scan# 1591  
Delta R.T. -0.013 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

Instrument :  
BNA\_N  
ClientSampleId :

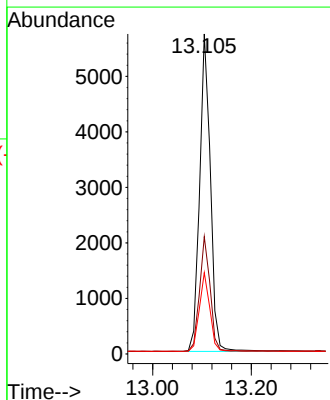
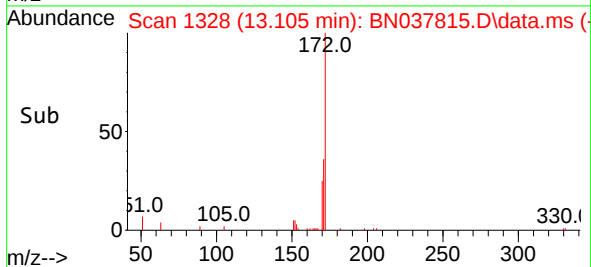
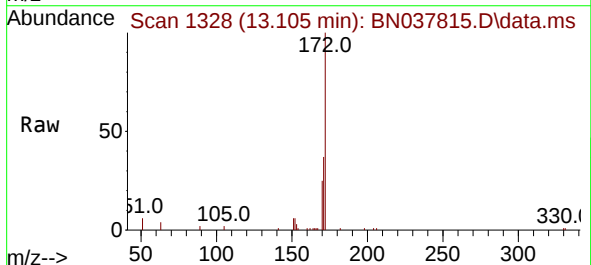


Tgt Ion:330 Resp: 591  
Ion Ratio Lower Upper  
330 100  
332 93.9 75.3 112.9  
141 45.2 35.0 52.4



#15  
2-Fluorobiphenyl  
Concen: 0.403 ng  
RT: 13.105 min Scan# 1328  
Delta R.T. -0.011 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

Tgt Ion:172 Resp: 8625  
Ion Ratio Lower Upper  
172 100  
171 36.7 28.6 43.0  
170 25.4 19.8 29.8

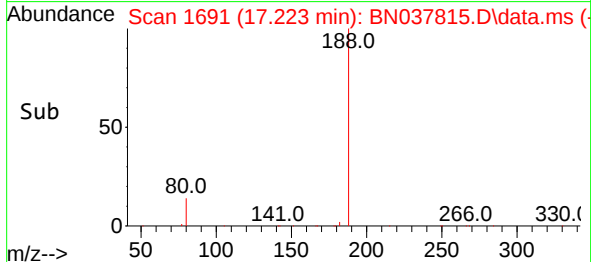
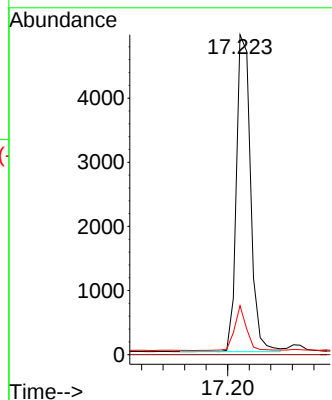
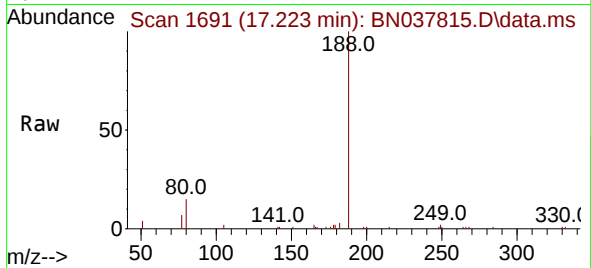




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.223 min Scan# 1691  
Delta R.T. -0.013 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

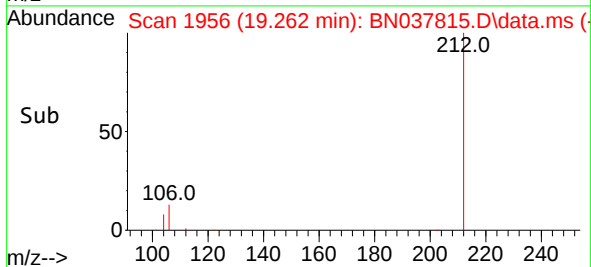
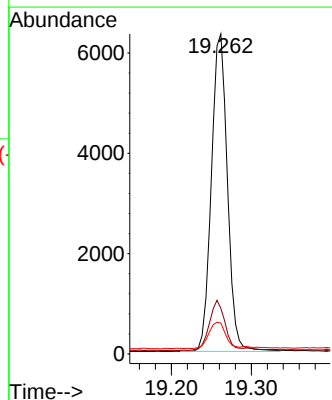
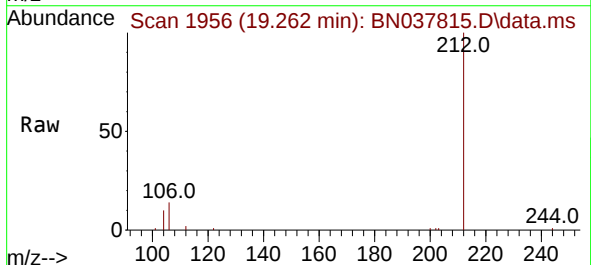
Instrument :  
BNA\_N  
ClientSampleId :

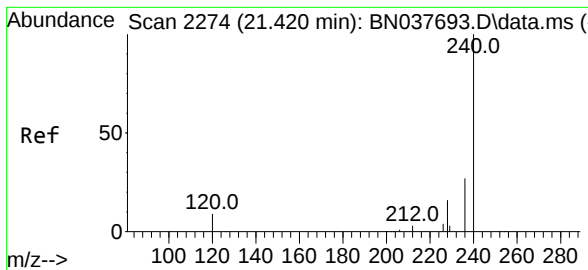
Tgt Ion:188 Resp: 8978  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.3 10.6 15.8



#27  
Fluoranthene-d10  
Concen: 0.391 ng  
RT: 19.262 min Scan# 1956  
Delta R.T. -0.009 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

Tgt Ion:212 Resp: 8803  
Ion Ratio Lower Upper  
212 100  
106 15.3 12.2 18.2  
104 8.7 6.9 10.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.411 min Scan# 21

Delta R.T. -0.009 min

Lab File: BN037815.D

Acq: 19 Sep 2025 15:32

Instrument :

BNA\_N

ClientSampleId :

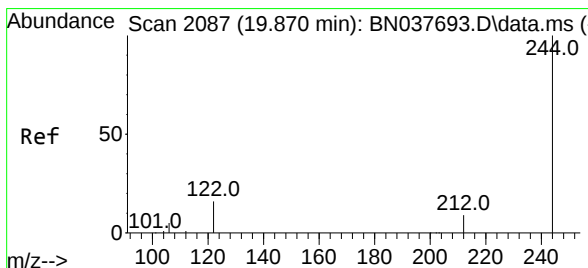
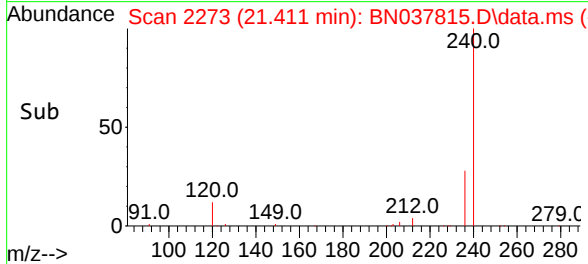
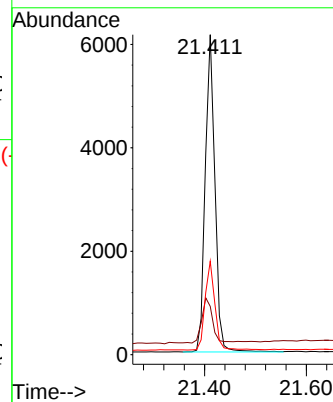
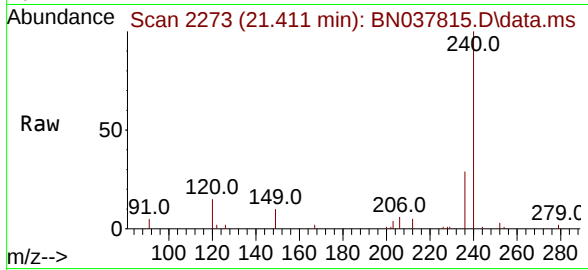
Tgt Ion:240 Resp: 8113

Ion Ratio Lower Upper

240 100

120 15.1 9.2 13.8#

236 29.2 22.6 33.8



#31

Terphenyl-d14

Concen: 0.402 ng

RT: 19.856 min Scan# 2084

Delta R.T. -0.014 min

Lab File: BN037815.D

Acq: 19 Sep 2025 15:32

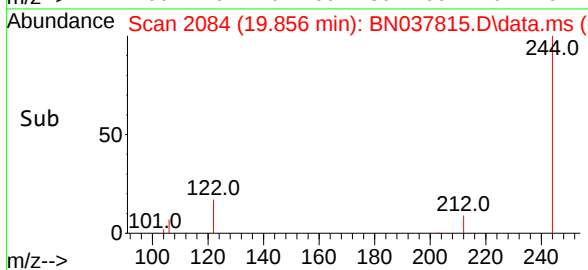
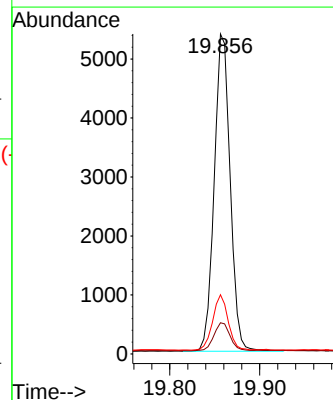
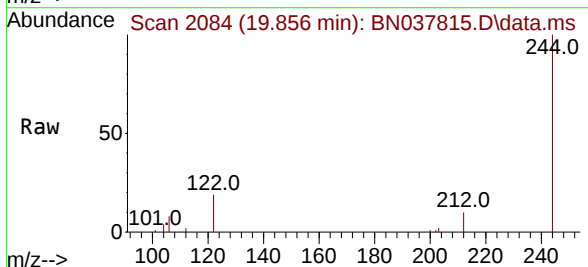
Tgt Ion:244 Resp: 6620

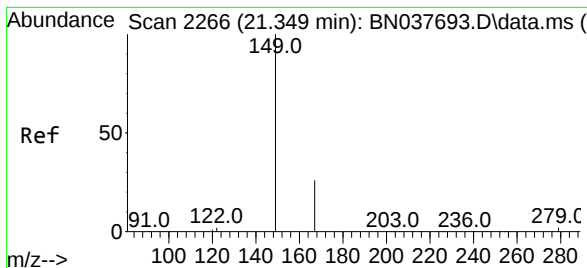
Ion Ratio Lower Upper

244 100

212 9.7 7.5 11.3

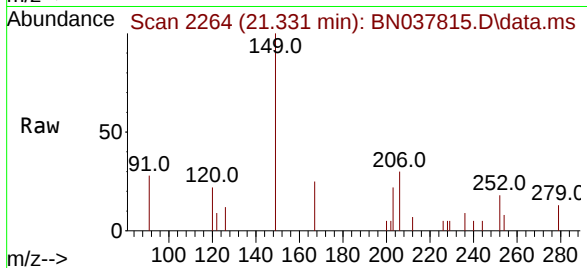
122 18.5 13.2 19.8



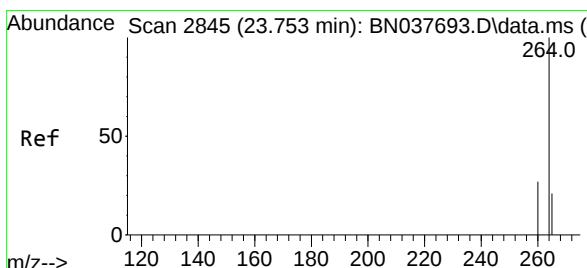
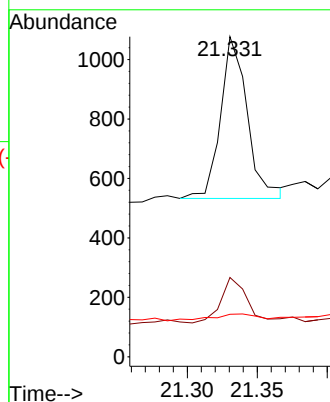
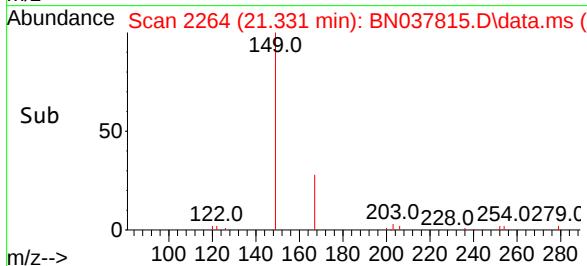


#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.086 ng  
RT: 21.331 min Scan# 2133  
Delta R.T. -0.018 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:149 Resp: 723  
Ion Ratio Lower Upper  
149 100  
167 29.7 20.8 31.2  
279 7.3 3.3 4.9#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.744 min Scan# 2842  
Delta R.T. -0.009 min  
Lab File: BN037815.D  
Acq: 19 Sep 2025 15:32

Tgt Ion:264 Resp: 7855  
Ion Ratio Lower Upper  
264 100  
260 28.0 21.8 32.8  
265 88.8 39.4 59.2#

