

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031725\  
 Data File : BN036669.D  
 Acq On : 17 Mar 2025 21:39  
 Operator : RC/JU  
 Sample : PB167159BL  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167159BL

Manual Integrations  
 APPROVED

Reviewed By :Anahy Claudio 03/18/2025  
 Supervised By :Jagrut Upadhyay 03/18/2025

Quant Time: Mar 18 00:56:07 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   | 7.717  | 152  | 1484     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.519 | 136  | 3199     | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10        | 14.366 | 164  | 1833     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.124 | 188  | 3303     | 0.400 | ng    | # 0.01   |
| 29) Chrysene-d12            | 21.304 | 240  | 2267     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.557 | 264  | 1972     | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.312  | 112  | 1543     | 0.446 | ng    | 0.00     |
| 5) Phenol-d6                | 6.901  | 99   | 1521     | 0.356 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.886  | 82   | 1212     | 0.348 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.126 | 152  | 1701     | 0.357 | ng    | 0.02     |
| 14) 2,4,6-Tribromophenol    | 15.895 | 330  | 241      | 0.290 | ng    | 0.04     |
| 15) 2-Fluorobiphenyl        | 13.019 | 172  | 3017m    | 0.283 | ng    | 0.03     |
| 27) Fluoranthene-d10        | 19.146 | 212  | 3556     | 0.420 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.750 | 244  | 2236     | 0.412 | ng    | 0.00     |

Target Compounds Qvalue

-----

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

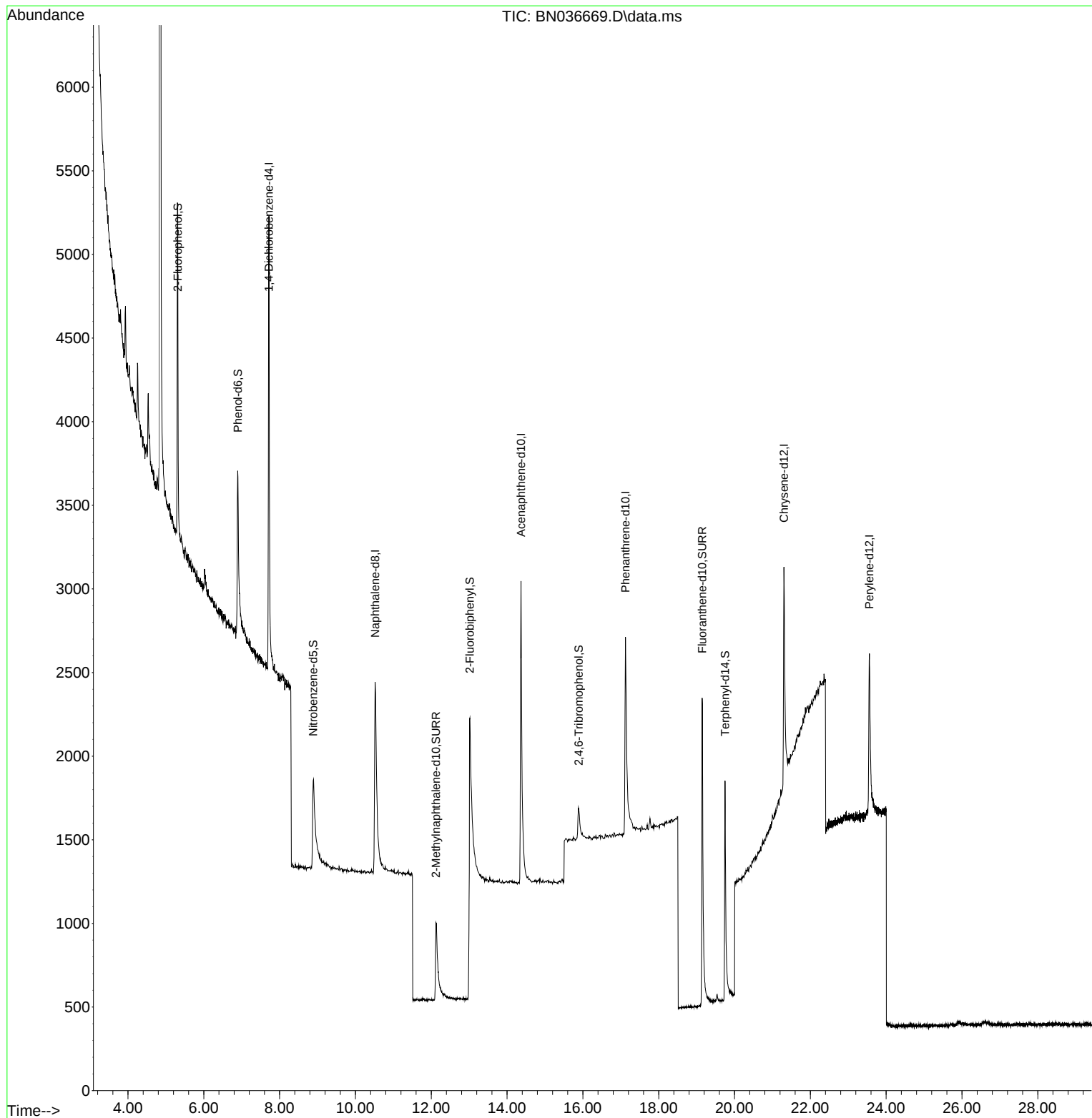
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031725\  
Data File : BN036669.D  
Acq On : 17 Mar 2025 21:39  
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ALS Vial : 19 Sample Multiplier: 1

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PB167159BL

Quant Time: Mar 18 00:56:07 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

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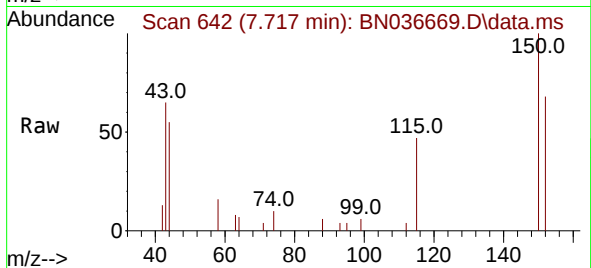
Reviewed By :Anahy Claudio 03/18/2025  
Supervised By :Jagrut Upadhyay 03/18/2025





#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.717 min Scan# 643  
Delta R.T. -0.007 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

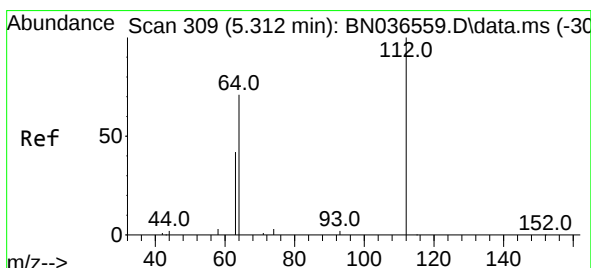
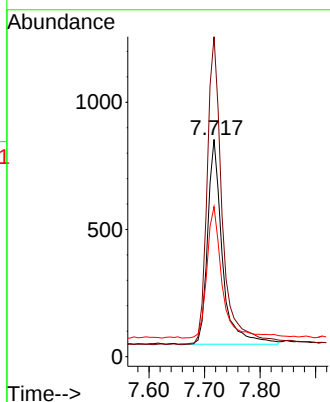
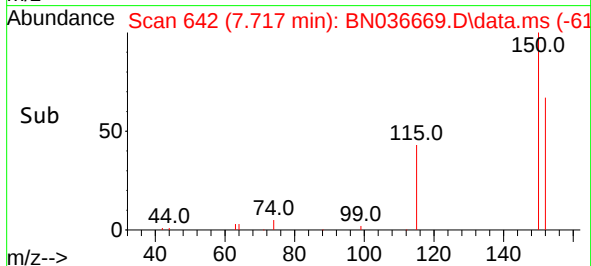
Instrument :  
BNA\_N  
ClientSampleId :  
PB167159BL



Tgt Ion:152 Resp: 1484  
Ion Ratio Lower Upper  
152 100  
150 147.3 123.7 185.5  
115 69.1 54.3 81.5

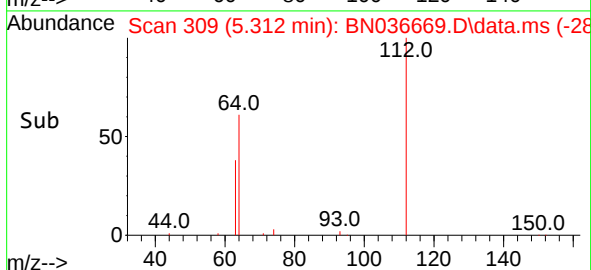
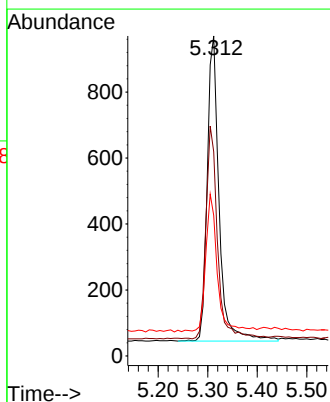
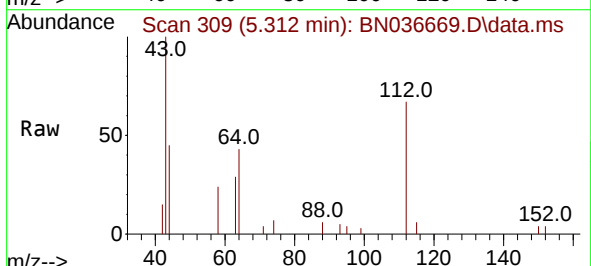
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Supervised By :Jagrut Upadhyay 03/18/2025



#4  
2-Fluorophenol  
Concen: 0.446 ng  
RT: 5.312 min Scan# 309  
Delta R.T. 0.000 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

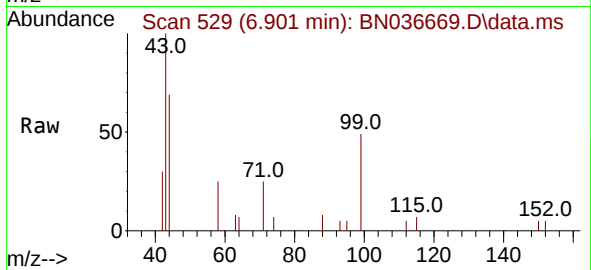
Tgt Ion:112 Resp: 1543  
Ion Ratio Lower Upper  
112 100  
64 68.4 53.1 79.7  
63 44.5 31.8 47.8





#5  
Phenol-d6  
Concen: 0.356 ng  
RT: 6.901 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

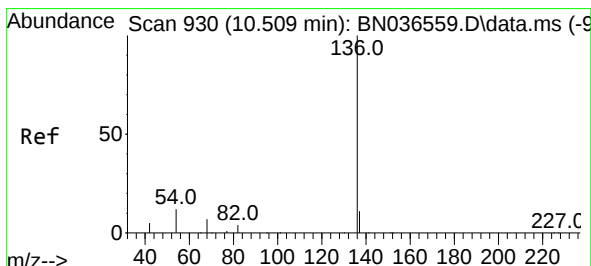
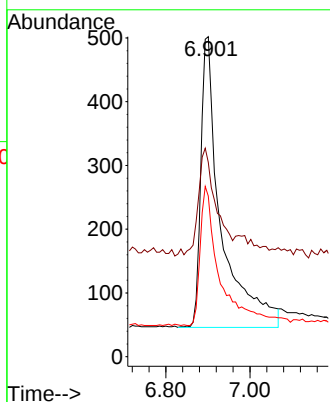
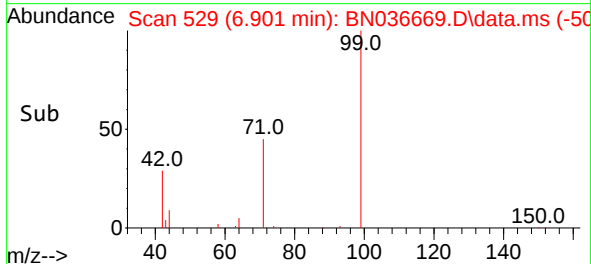
Instrument :  
BNA\_N  
ClientSampleId :  
PB167159BL



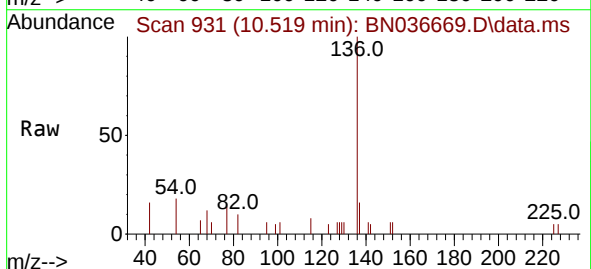
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Ion Ratio Lower Upper  
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42 31.4 26.5 39.7  
71 46.5 34.1 51.1

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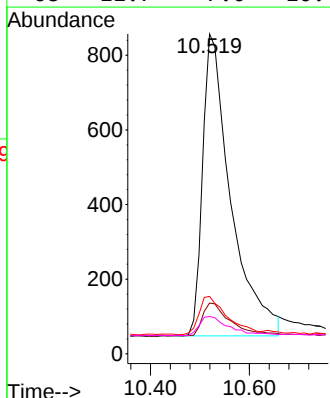
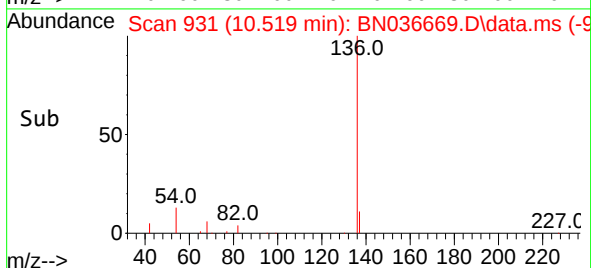
Reviewed By :Anahy Claudio 03/18/2025  
Supervised By :Jagrut Upadhyay 03/18/2025

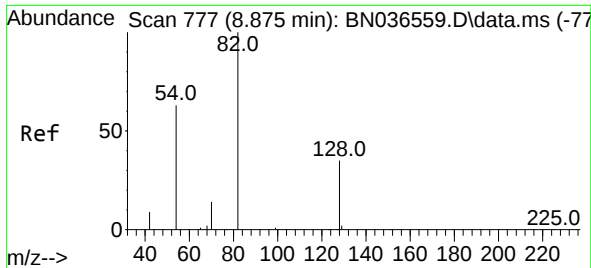


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.519 min Scan# 931  
Delta R.T. 0.011 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39



Tgt Ion:136 Resp: 3199  
Ion Ratio Lower Upper  
136 100  
137 15.9 10.3 15.5#  
54 18.0 11.5 17.3#  
68 11.7 7.0 10.4#





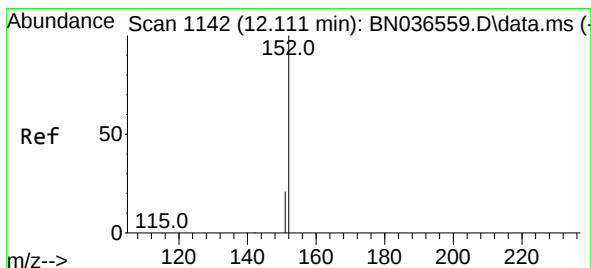
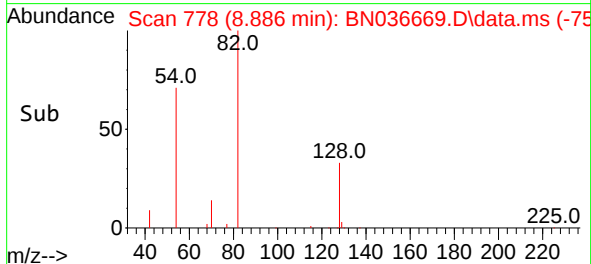
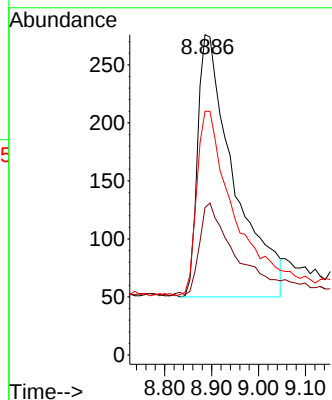
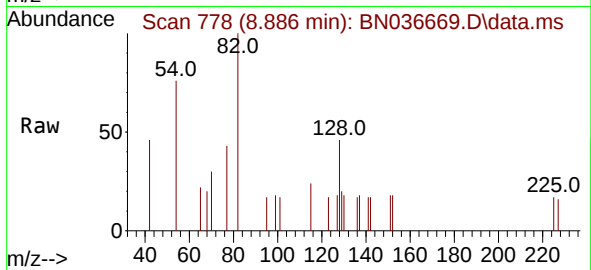
#8  
Nitrobenzene-d5  
Concen: 0.348 ng  
RT: 8.886 min Scan# 71  
Delta R.T. 0.011 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

Instrument :  
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Tgt Ion: 82 Resp: 121  
Ion Ratio Lower Upper  
82 100  
128 46.0 30.6 45.8  
54 76.1 52.2 78.4

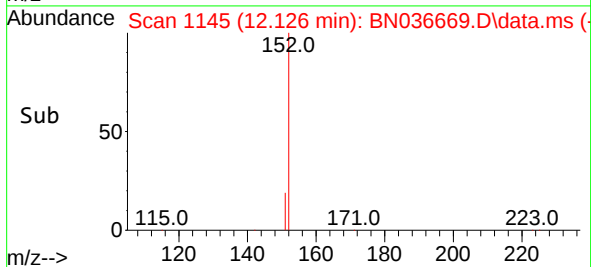
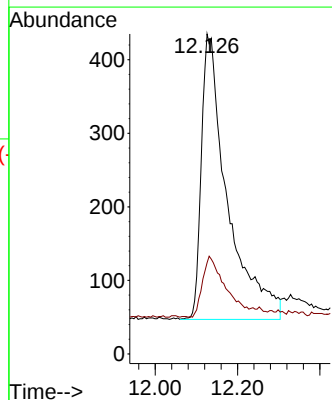
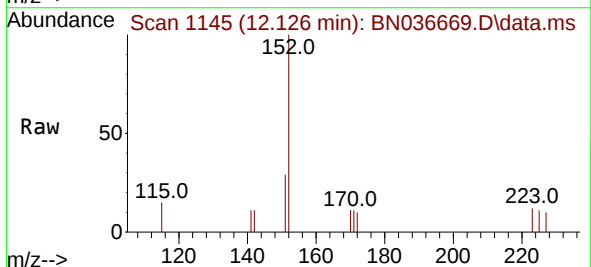
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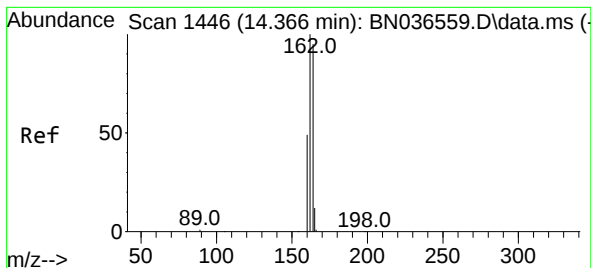
Reviewed By :Anahy Claudio 03/18/2025  
Supervised By :Jagrut Upadhyay 03/18/2025



#11  
2-Methylnaphthalene-d10  
Concen: 0.357 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. 0.015 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

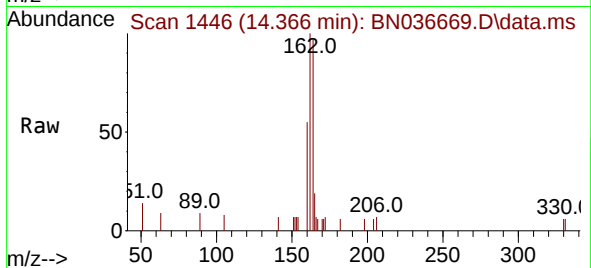
Tgt Ion:152 Resp: 1701  
Ion Ratio Lower Upper  
152 100  
151 19.2 17.0 25.6





#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.366 min Scan# 1446  
Delta R.T. 0.000 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

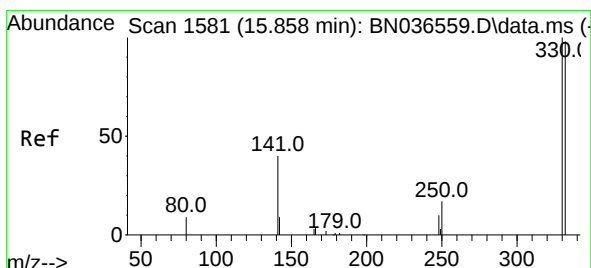
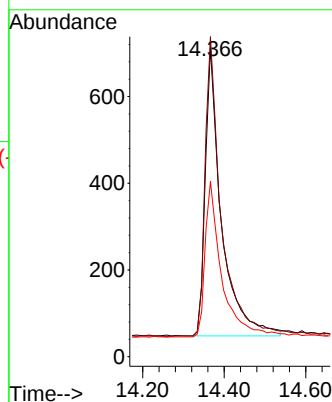
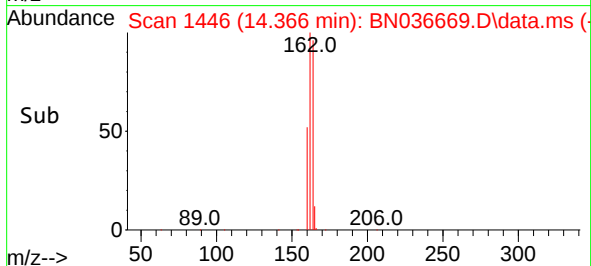
Instrument :  
BNA\_N  
ClientSampleId :  
PB167159BL



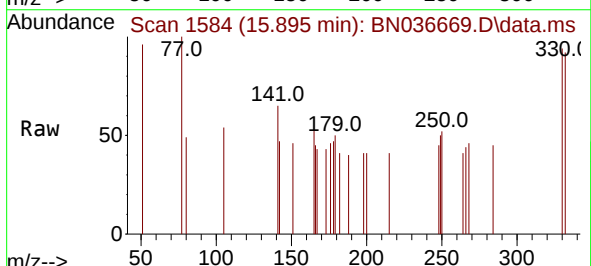
Tgt Ion:164 Resp: 183  
Ion Ratio Lower Upper  
164 100  
162 103.5 84.2 126.2  
160 56.7 42.2 63.2

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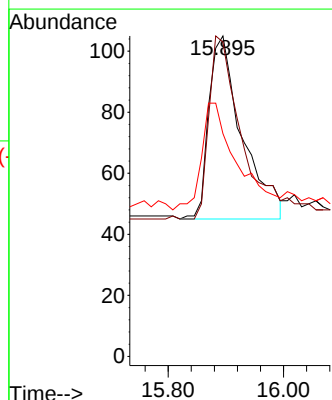
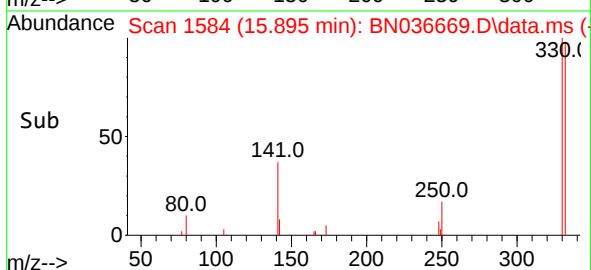
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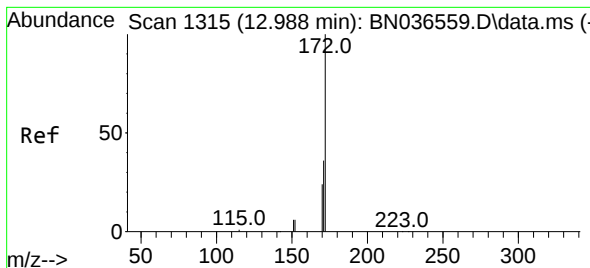


#14  
2,4,6-Tribromophenol  
Concen: 0.290 ng  
RT: 15.895 min Scan# 1584  
Delta R.T. 0.037 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39



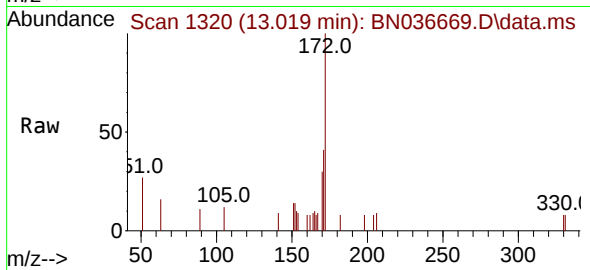
Tgt Ion:330 Resp: 241  
Ion Ratio Lower Upper  
330 100  
332 95.9 75.2 112.8  
141 0.0 43.4 65.2#





#15  
2-Fluorobiphenyl  
Concen: 0.283 ng m  
RT: 13.019 min Scan# 1315  
Delta R.T. 0.031 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

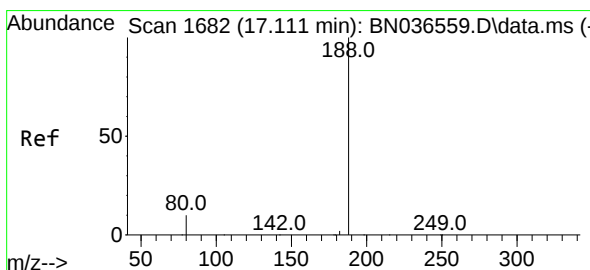
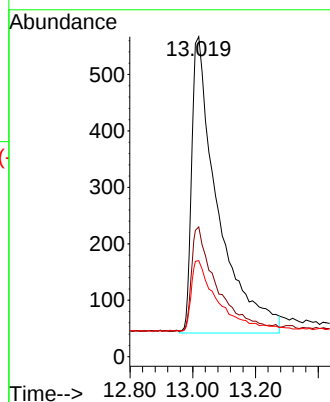
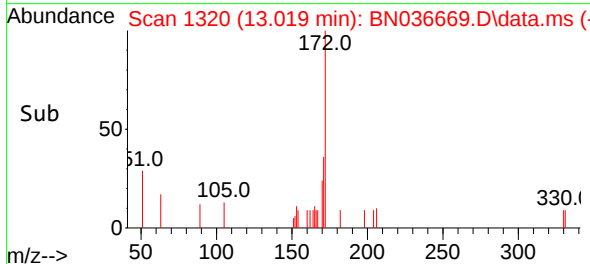
Instrument :  
BNA\_N  
ClientSampleId :  
PB167159BL



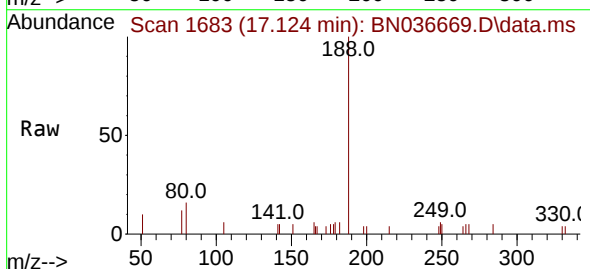
Tgt Ion:172 Resp: 301  
Ion Ratio Lower Upper  
172 100  
171 40.6 29.5 44.3  
170 30.0 20.2 30.4

Manual Integrations  
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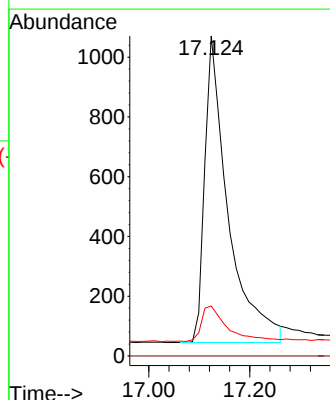
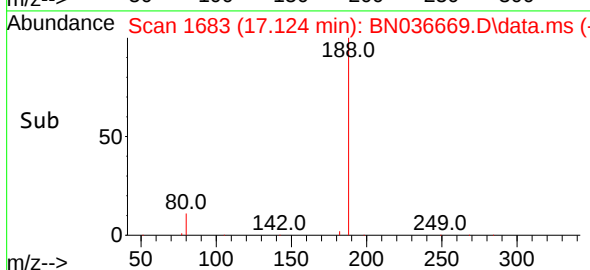
Reviewed By :Anahy Claudio 03/18/2025  
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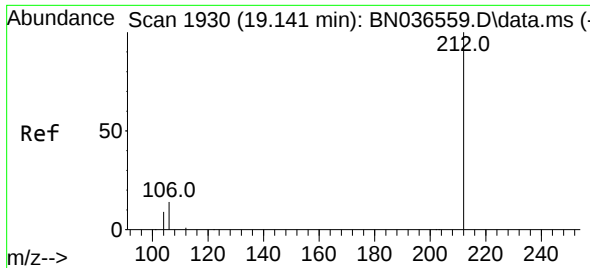


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.124 min Scan# 1683  
Delta R.T. 0.012 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39



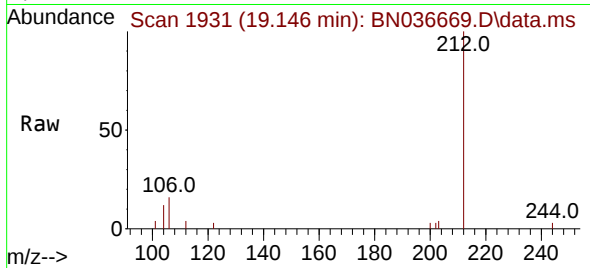
Tgt Ion:188 Resp: 3303  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 15.6 8.8 13.2#





#27  
Fluoranthene-d10  
Concen: 0.420 ng  
RT: 19.146 min Scan# 1931  
Delta R.T. 0.005 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

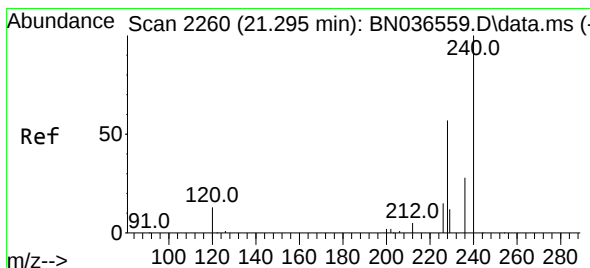
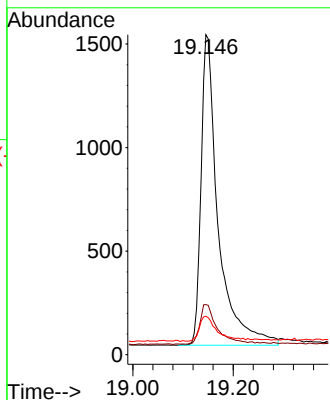
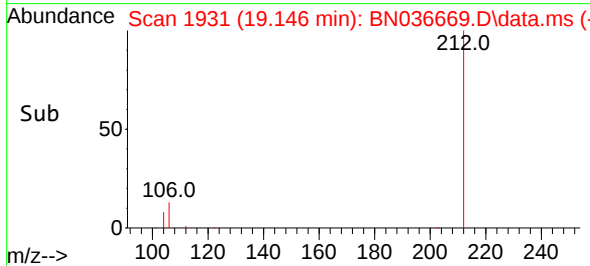
Instrument :  
BNA\_N  
ClientSampleId :  
PB167159BL



Tgt Ion:212 Resp: 3550  
Ion Ratio Lower Upper  
212 100  
106 12.7 11.8 17.6  
104 8.4 7.3 10.9

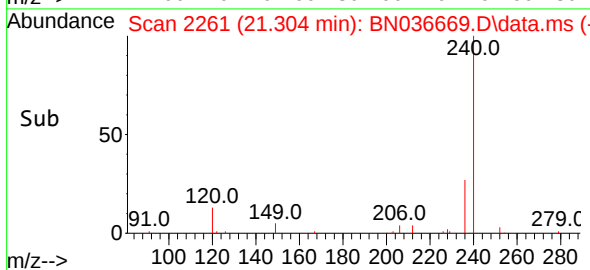
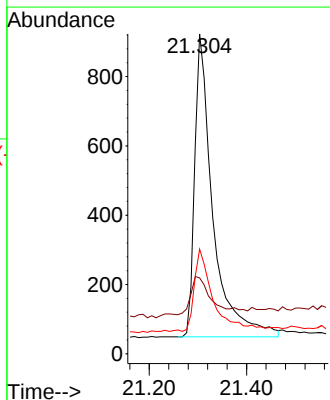
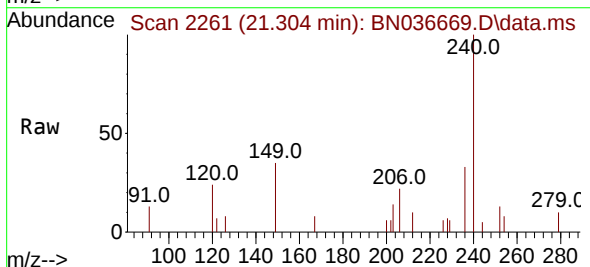
Manual Integrations  
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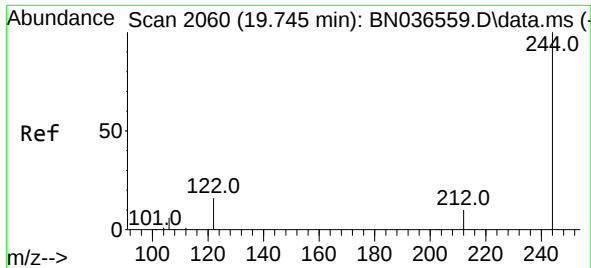
Reviewed By :Anahy Claudio 03/18/2025  
Supervised By :Jagrut Upadhyay 03/18/2025



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.304 min Scan# 2261  
Delta R.T. 0.009 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

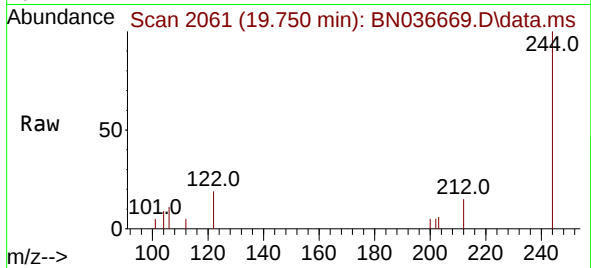
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Ion Ratio Lower Upper  
240 100  
120 23.7 14.6 22.0#  
236 32.7 24.1 36.1





#31  
Terphenyl-d14  
Concen: 0.412 ng  
RT: 19.750 min Scan# 2061  
Delta R.T. 0.005 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

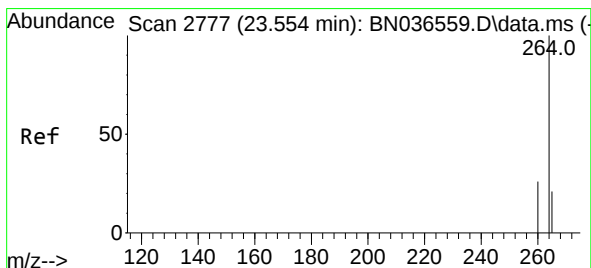
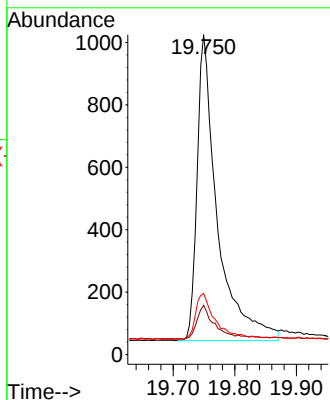
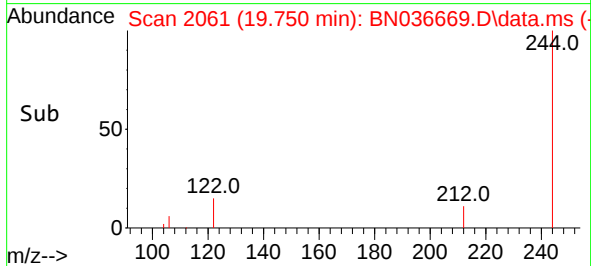
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:244 Resp: 2230  
Ion Ratio Lower Upper  
244 100  
212 15.4 9.6 14.4  
122 19.1 13.9 20.9

Manual Integrations  
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#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.557 min Scan# 2778  
Delta R.T. 0.003 min  
Lab File: BN036669.D  
Acq: 17 Mar 2025 21:39

Tgt Ion:264 Resp: 1972  
Ion Ratio Lower Upper  
264 100  
260 28.3 22.6 33.8  
265 149.6 88.1 132.1#

