

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031425\  
 Data File : BN036616.D  
 Acq On : 14 Mar 2025 21:06  
 Operator : RC/JU  
 Sample : PB167131BL  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167131BL

Quant Time: Mar 14 23:33:02 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

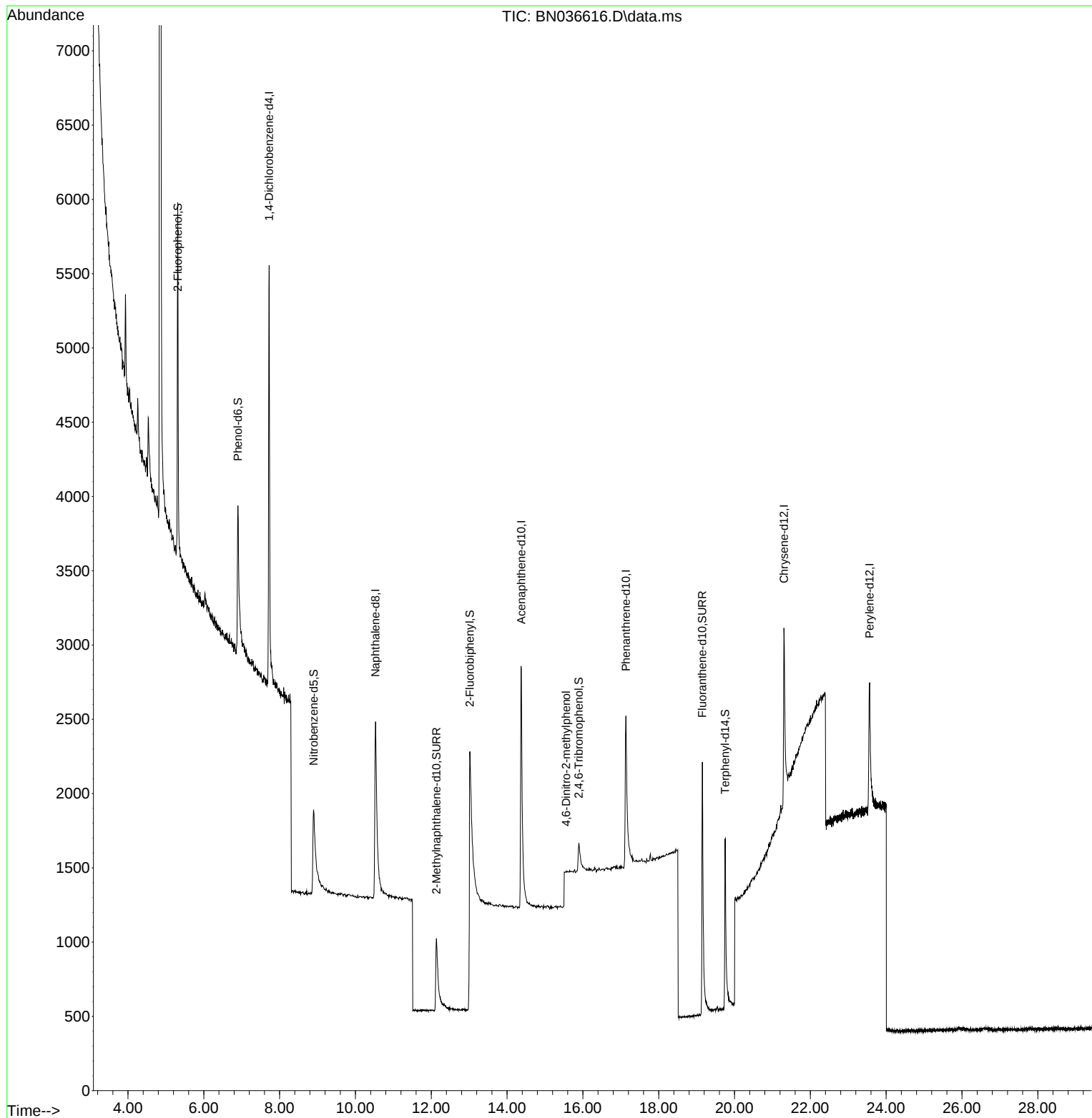
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 1685     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.530 | 136  | 3425     | 0.400 | ng    | # 0.02   |
| 13) Acenaphthene-d10          | 14.377 | 164  | 1855     | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10          | 17.136 | 188  | 3067     | 0.400 | ng    | # 0.02   |
| 29) Chrysene-d12              | 21.304 | 240  | 2102     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.560 | 264  | 1909     | 0.400 | ng    | # 0.00   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.312  | 112  | 1730     | 0.441 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.901  | 99   | 1664     | 0.343 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.897  | 82   | 1303     | 0.350 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10   | 12.136 | 152  | 1818     | 0.357 | ng    | 0.03     |
| 14) 2,4,6-Tribromophenol      | 15.895 | 330  | 256      | 0.304 | ng    | 0.04     |
| 15) 2-Fluorobiphenyl          | 13.019 | 172  | 2431     | 0.225 | ng    | 0.03     |
| 27) Fluoranthene-d10          | 19.150 | 212  | 3409     | 0.434 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.754 | 244  | 2139     | 0.425 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.560 | 198  | 1        | 0.147 | ng    | # 25     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN031425\  
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Sample : PB167131BL  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB167131BL

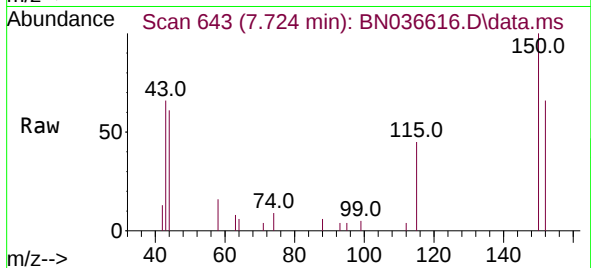
Quant Time: Mar 14 23:33:02 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN031025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Mar 10 16:06:28 2025  
Response via : Initial Calibration





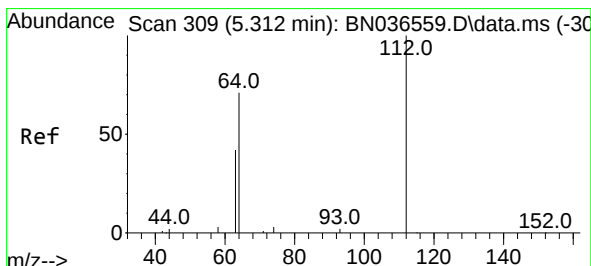
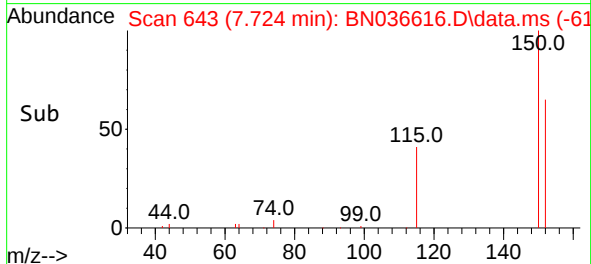
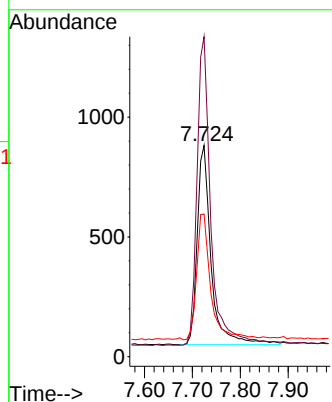
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 643  
 Delta R.T. 0.000 min  
 Lab File: BN036616.D  
 Acq: 14 Mar 2025 21:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167131BL



Tgt Ion:152 Resp: 1685

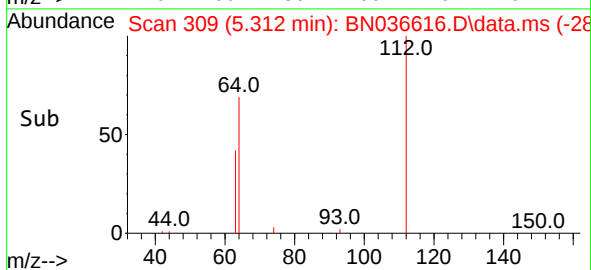
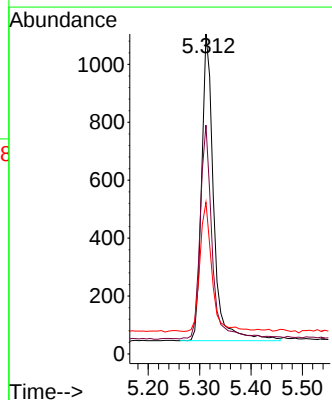
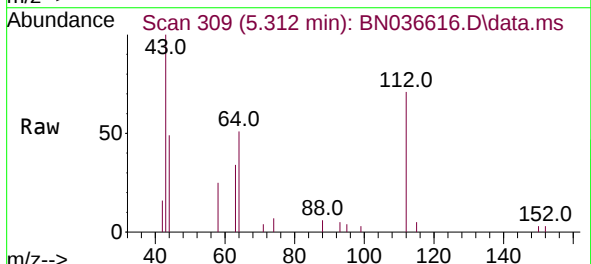
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 151.5 | 123.7 | 185.5 |
| 115 | 67.6  | 54.3  | 81.5  |



#4  
 2-Fluorophenol  
 Concen: 0.441 ng  
 RT: 5.312 min Scan# 309  
 Delta R.T. 0.000 min  
 Lab File: BN036616.D  
 Acq: 14 Mar 2025 21:06

Tgt Ion:112 Resp: 1730

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 69.2  | 53.1  | 79.7  |
| 63  | 41.7  | 31.8  | 47.8  |

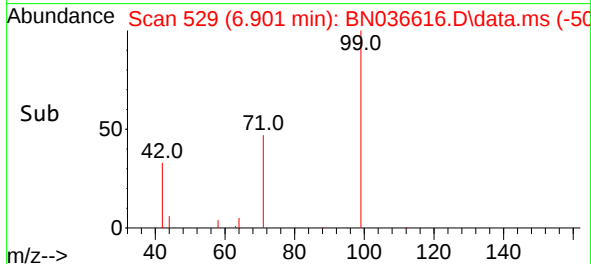
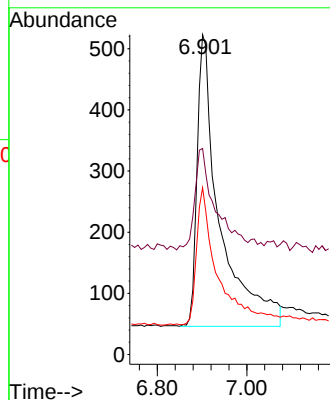
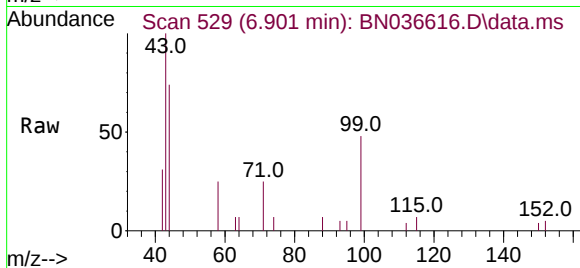




#5  
Phenol-d6  
Concen: 0.343 ng  
RT: 6.901 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

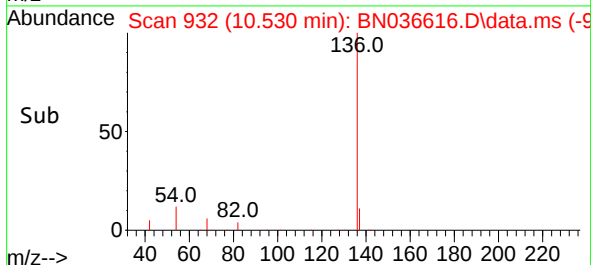
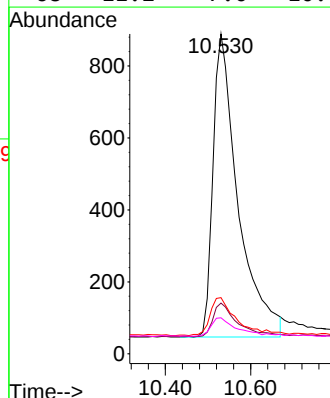
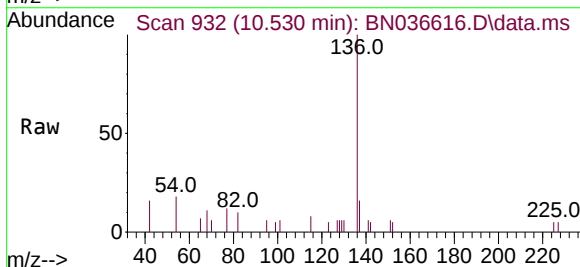
Instrument :  
BNA\_N  
ClientSampleId :  
PB167131BL

Tgt Ion: 99 Resp: 1664  
Ion Ratio Lower Upper  
99 100  
42 31.8 26.5 39.7  
71 44.6 34.1 51.1



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 932  
Delta R.T. 0.021 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

Tgt Ion: 136 Resp: 3425  
Ion Ratio Lower Upper  
136 100  
137 15.9 10.3 15.5#  
54 17.5 11.5 17.3#  
68 11.2 7.0 10.4#

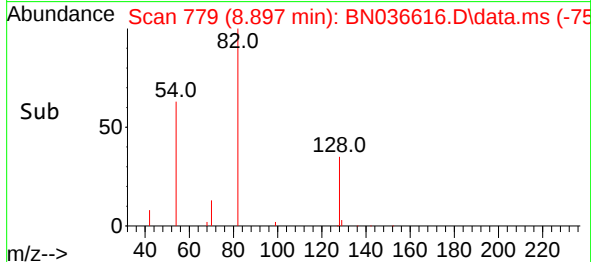
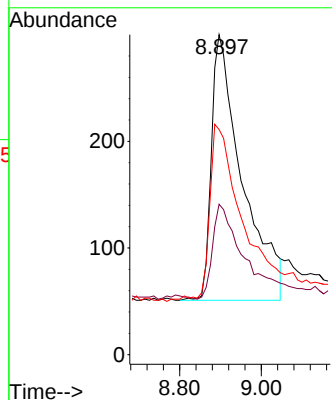
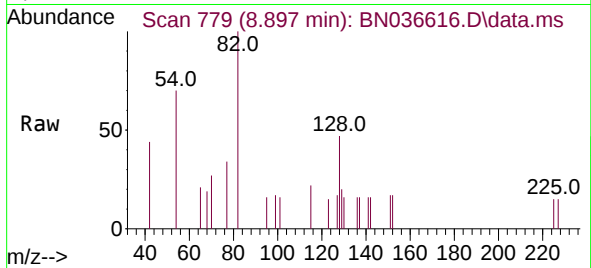




#8  
 Nitrobenzene-d5  
 Concen: 0.350 ng  
 RT: 8.897 min Scan# 71  
 Delta R.T. 0.021 min  
 Lab File: BN036616.D  
 Acq: 14 Mar 2025 21:06

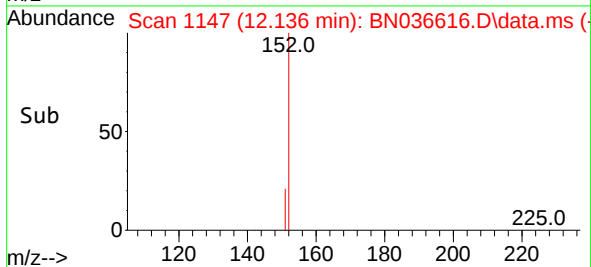
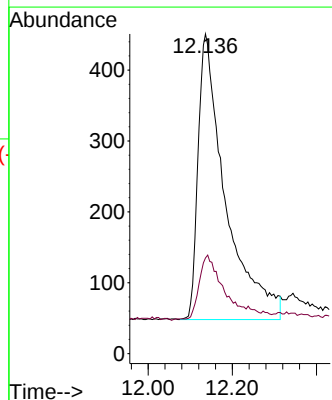
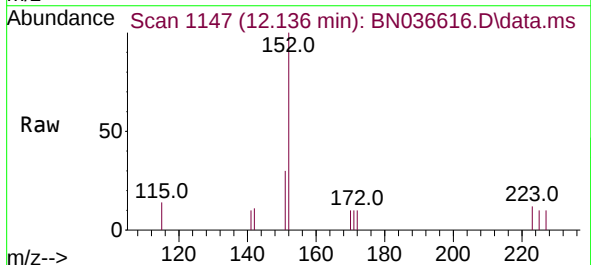
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167131BL

Tgt Ion: 82 Resp: 1303  
 Ion Ratio Lower Upper  
 82 100  
 128 47.0 30.6 45.8#  
 54 70.3 52.2 78.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.357 ng  
 RT: 12.136 min Scan# 1147  
 Delta R.T. 0.026 min  
 Lab File: BN036616.D  
 Acq: 14 Mar 2025 21:06

Tgt Ion:152 Resp: 1818  
 Ion Ratio Lower Upper  
 152 100  
 151 20.6 17.0 25.6

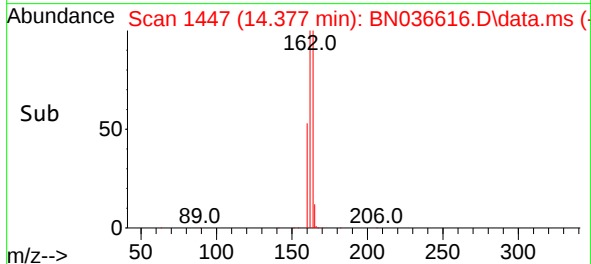
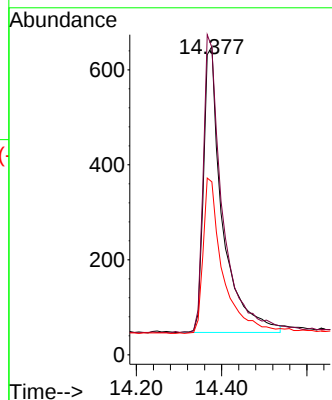
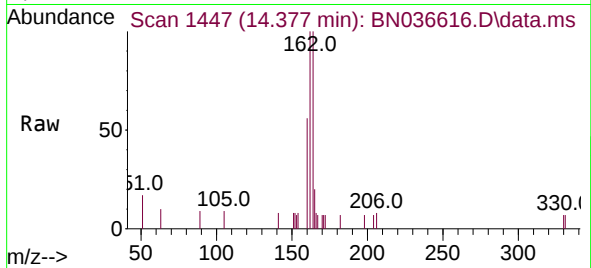




#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.377 min Scan# 1447  
 Delta R.T. 0.011 min  
 Lab File: BN036616.D  
 Acq: 14 Mar 2025 21:06

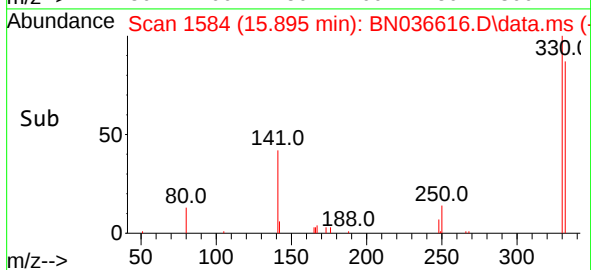
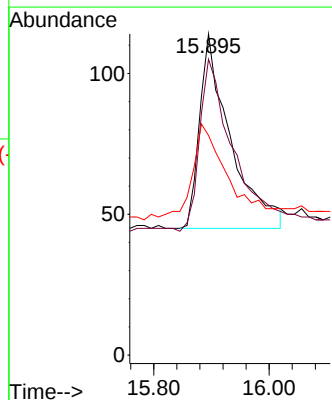
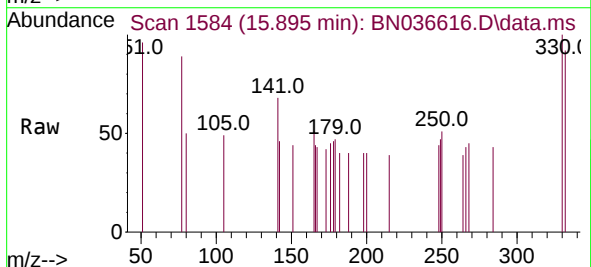
Instrument :  
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 ClientSampleId :  
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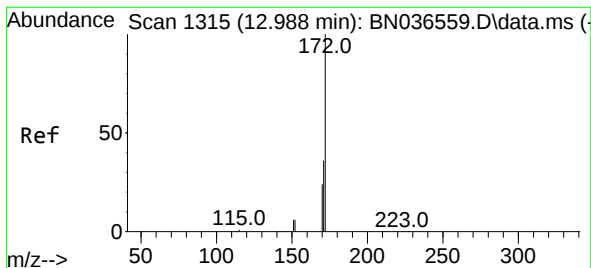
Tgt Ion:164 Resp: 1855  
 Ion Ratio Lower Upper  
 164 100  
 162 99.7 84.2 126.2  
 160 56.1 42.2 63.2



#14  
 2,4,6-Tribromophenol  
 Concen: 0.304 ng  
 RT: 15.895 min Scan# 1584  
 Delta R.T. 0.037 min  
 Lab File: BN036616.D  
 Acq: 14 Mar 2025 21:06

Tgt Ion:330 Resp: 256  
 Ion Ratio Lower Upper  
 330 100  
 332 97.7 75.2 112.8  
 141 57.4 43.4 65.2

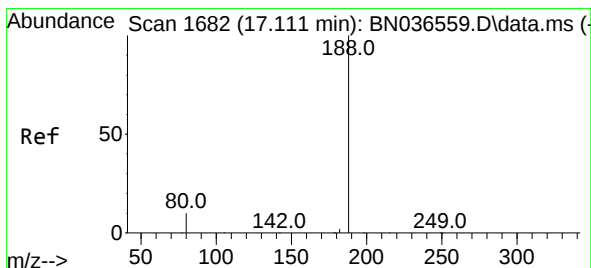
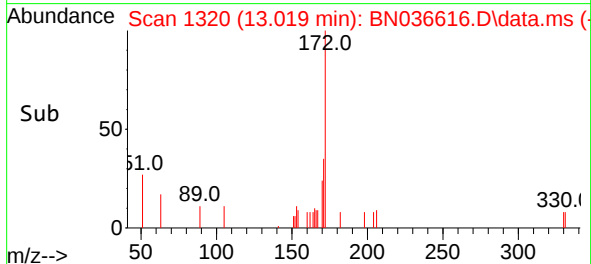
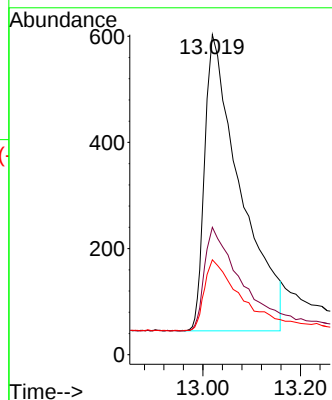
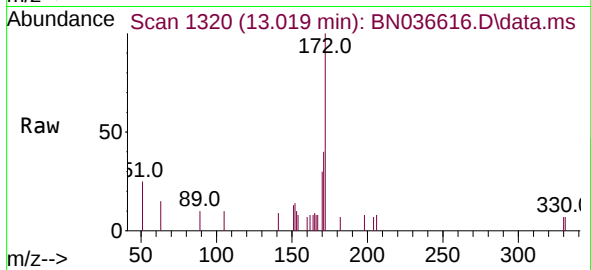




#15  
2-Fluorobiphenyl  
Concen: 0.225 ng  
RT: 13.019 min Scan# 11  
Delta R.T. 0.031 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

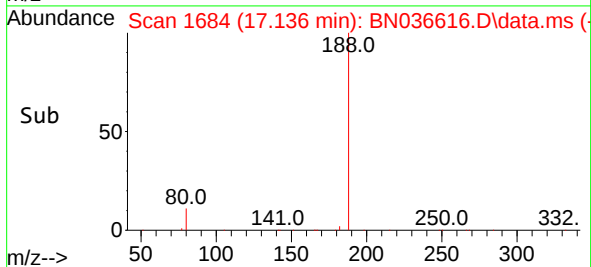
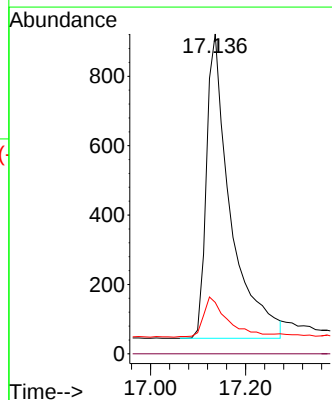
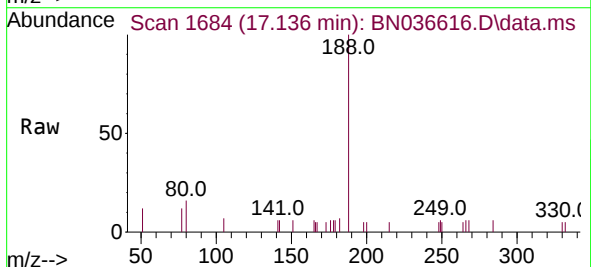
Instrument :  
BNA\_N  
ClientSampleId :  
PB167131BL

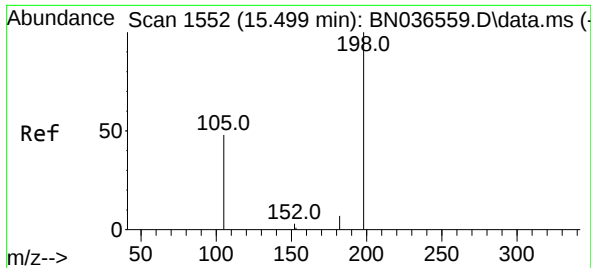
Tgt Ion:172 Resp: 2431  
Ion Ratio Lower Upper  
172 100  
171 39.8 29.5 44.3  
170 29.7 20.2 30.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.136 min Scan# 1684  
Delta R.T. 0.025 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

Tgt Ion:188 Resp: 3067  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 16.1 8.8 13.2#

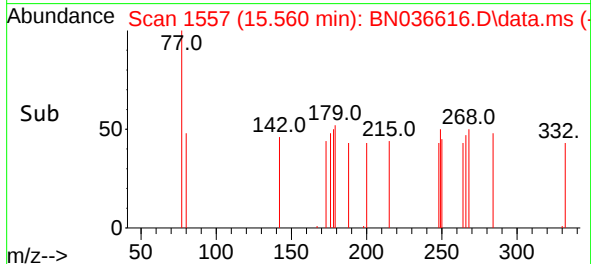
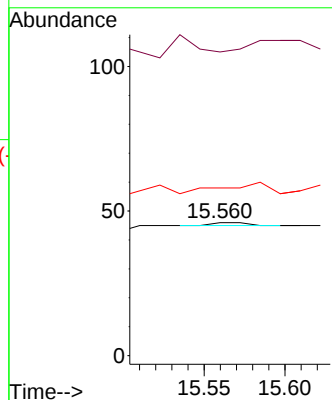
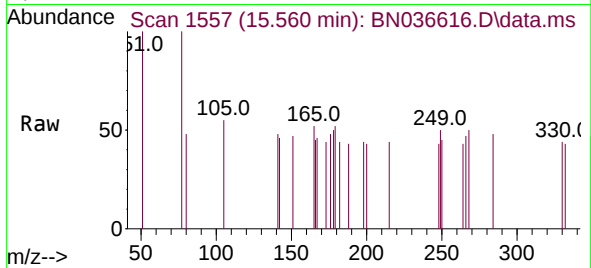




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.147 ng  
RT: 15.560 min Scan# 11  
Delta R.T. 0.061 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

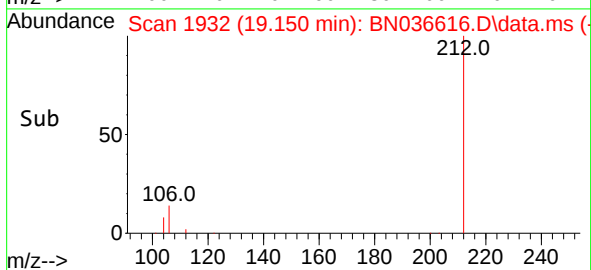
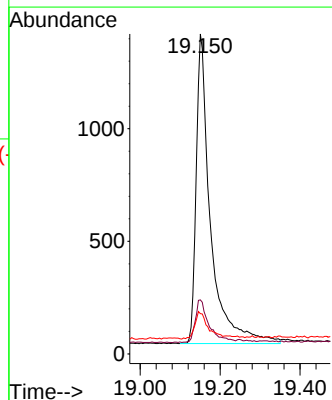
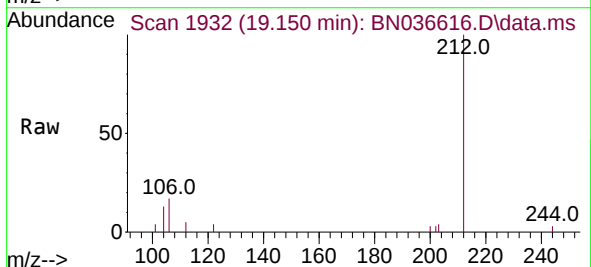
Instrument :  
BNA\_N  
ClientSampleId :  
PB167131BL

Tgt Ion:198 Resp: 1  
Ion Ratio Lower Upper  
198 100  
51 228.3 107.9 161.9#  
105 126.1 56.2 84.2#



#27  
Fluoranthene-d10  
Concen: 0.434 ng  
RT: 19.150 min Scan# 1932  
Delta R.T. 0.009 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

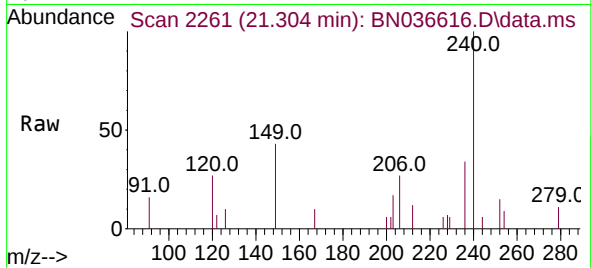
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Ion Ratio Lower Upper  
212 100  
106 13.1 11.8 17.6  
104 8.2 7.3 10.9



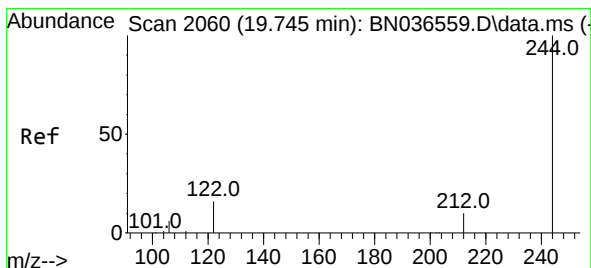
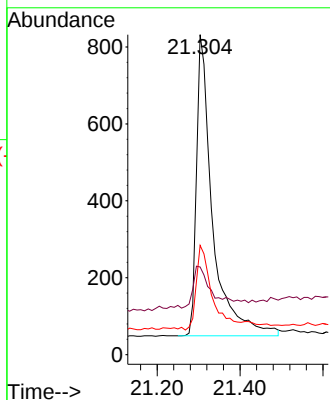
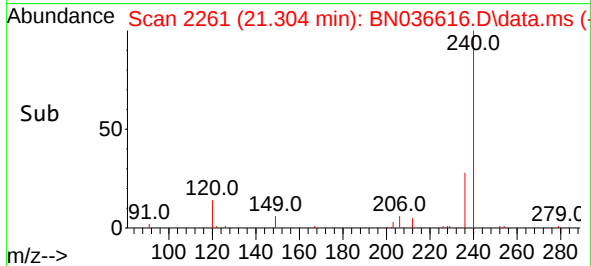


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.304 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

Instrument :  
BNA\_N  
ClientSampleId :  
PB167131BL

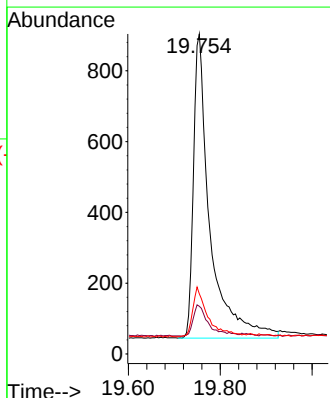
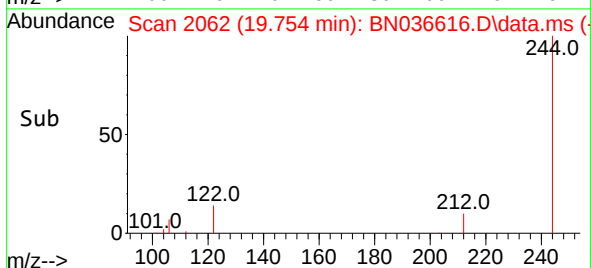
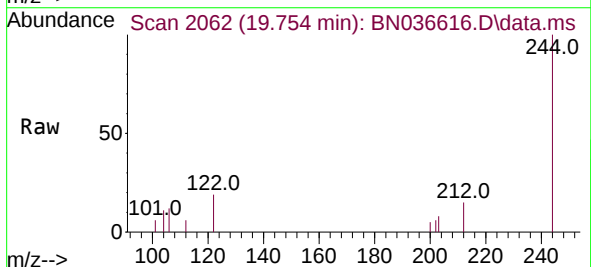


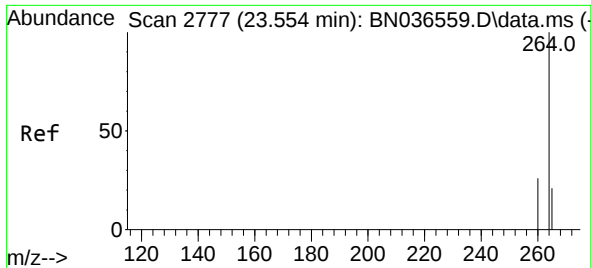
Tgt Ion:240 Resp: 2102  
Ion Ratio Lower Upper  
240 100  
120 27.4 14.6 22.0#  
236 34.1 24.1 36.1



#31  
Terphenyl-d14  
Concen: 0.425 ng  
RT: 19.754 min Scan# 2062  
Delta R.T. 0.009 min  
Lab File: BN036616.D  
Acq: 14 Mar 2025 21:06

Tgt Ion:244 Resp: 2139  
Ion Ratio Lower Upper  
244 100  
212 14.9 9.6 14.4#  
122 18.8 13.9 20.9





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.560 min Scan# 21  
 Delta R.T. 0.006 min  
 Lab File: BN036616.D  
 Acq: 14 Mar 2025 21:06

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB167131BL

Tgt Ion:264 Resp: 1909  
 Ion Ratio Lower Upper  
 264 100  
 260 31.6 22.6 33.8  
 265 180.7 88.1 132.1#

