

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
 Data File : BN037274.D  
 Acq On : 14 Jun 2025 23:07  
 Operator : RC/JU  
 Sample : PB168476BL  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168476BL

Quant Time: Jun 16 02:46:04 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 13 18:43:34 2025  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.575  | 152  | 1111     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.361 | 136  | 2537     | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10        | 14.224 | 164  | 1345     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 16.984 | 188  | 2242     | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.171 | 240  | 1645     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.357 | 264  | 1590     | 0.400 | ng    | # 0.00   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.177  | 112  | 979      | 0.359 | ng    | 0.00     |
| 5) Phenol-d6                | 6.759  | 99   | 862      | 0.300 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.749  | 82   | 737      | 0.294 | ng    | 0.02     |
| 11) 2-Methylnaphthalene-d10 | 11.965 | 152  | 1137     | 0.334 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 15.742 | 330  | 182      | 0.326 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 12.858 | 172  | 1901     | 0.336 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.017 | 212  | 2116     | 0.361 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.625 | 244  | 1410     | 0.379 | ng    | 0.00     |

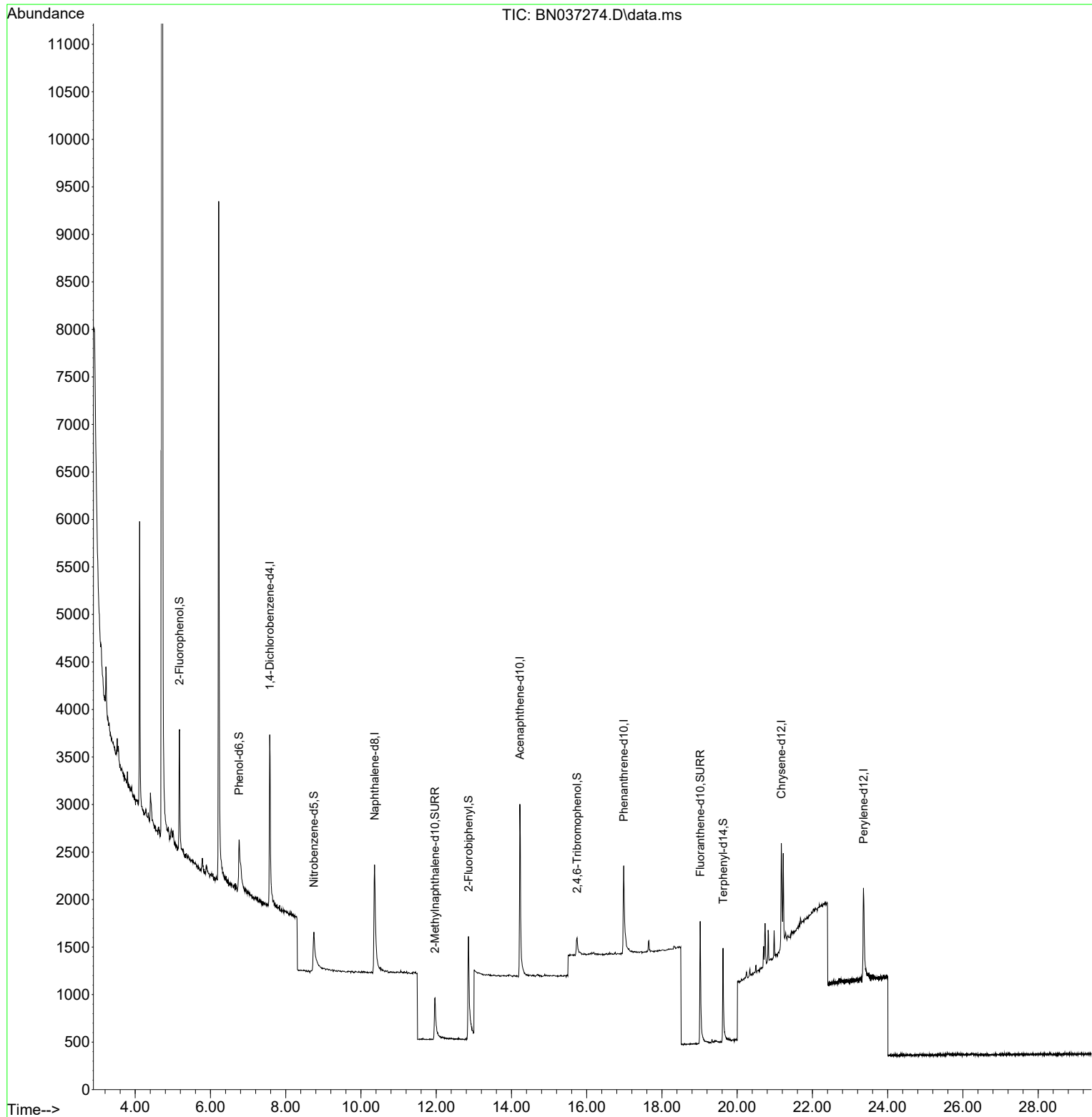
Target Compounds Qvalue

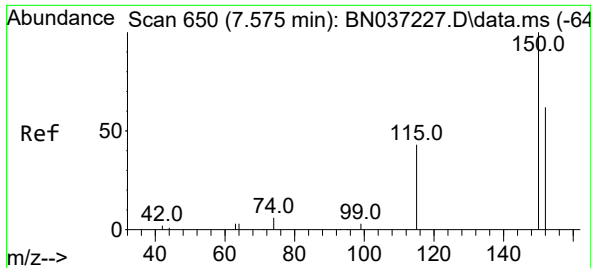
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061325\  
Data File : BN037274.D  
Acq On : 14 Jun 2025 23:07  
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Sample : PB168476BL  
Misc :  
ALS Vial : 53 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BL

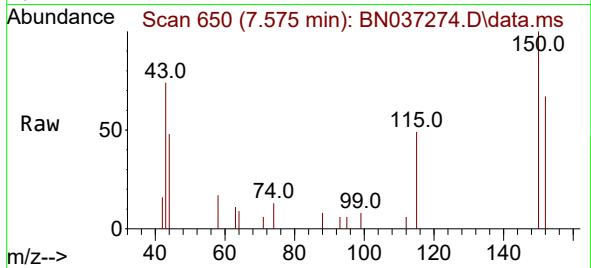
Quant Time: Jun 16 02:46:04 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061325.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 13 18:43:34 2025  
Response via : Initial Calibration



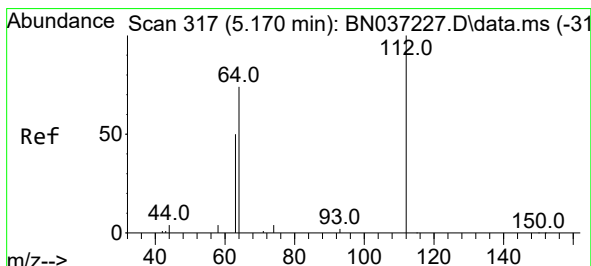
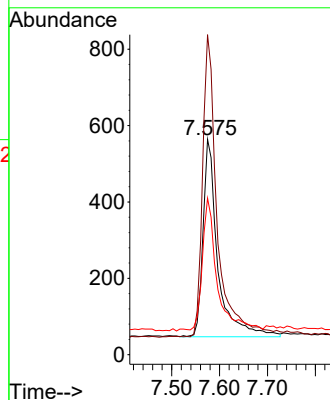
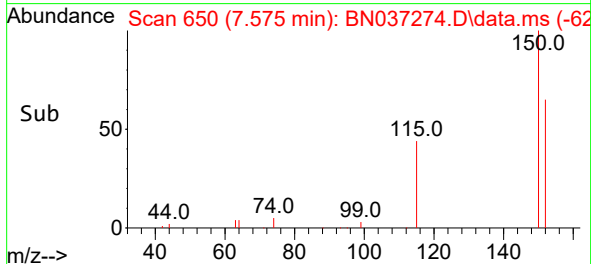


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.575 min Scan# 611  
Delta R.T. -0.000 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

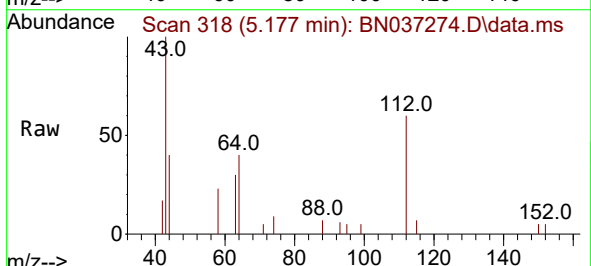
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BL



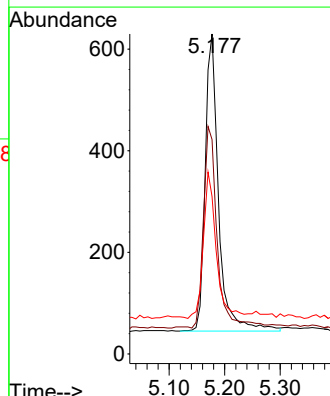
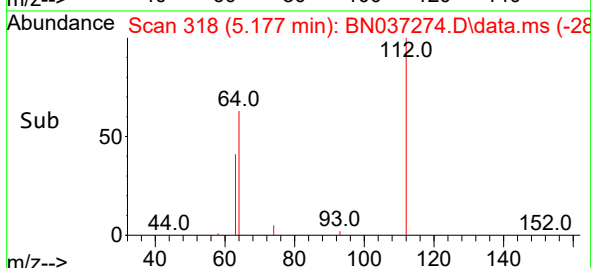
Tgt Ion:152 Resp: 1111  
Ion Ratio Lower Upper  
152 100  
150 148.6 125.2 187.8  
115 72.7 58.4 87.6

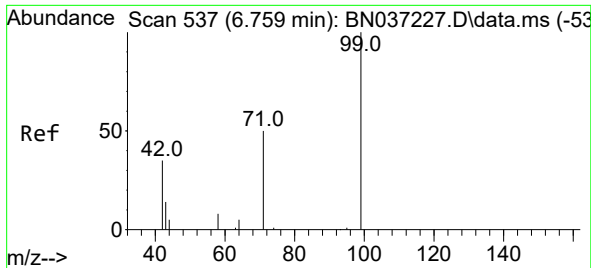


#4  
2-Fluorophenol  
Concen: 0.359 ng  
RT: 5.177 min Scan# 318  
Delta R.T. 0.007 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07



Tgt Ion:112 Resp: 979  
Ion Ratio Lower Upper  
112 100  
64 68.0 57.2 85.8  
63 47.5 39.8 59.6

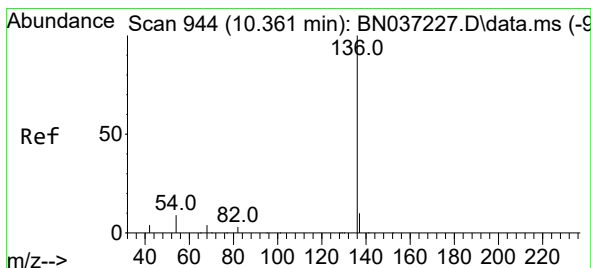
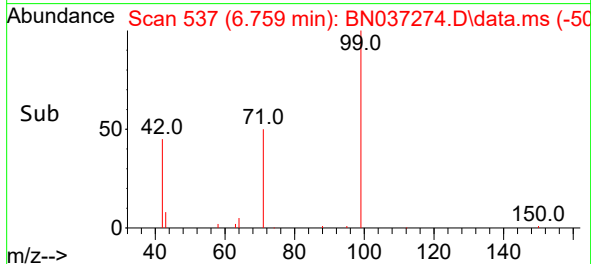
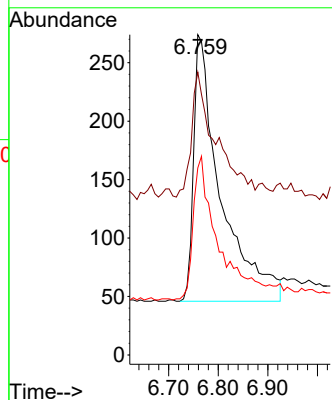
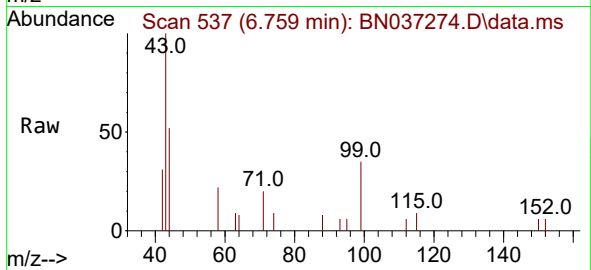




#5  
Phenol-d6  
Concen: 0.300 ng  
RT: 6.759 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

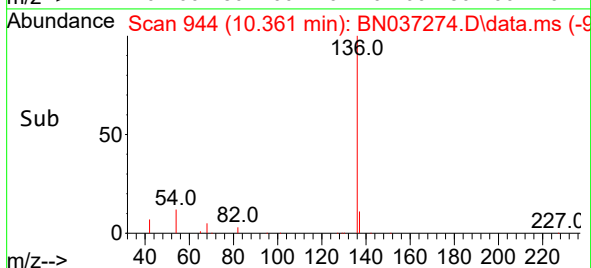
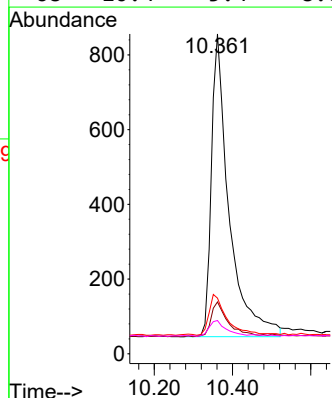
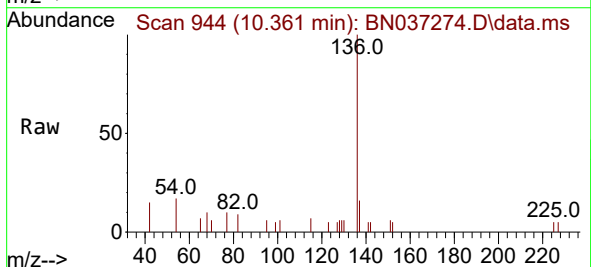
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BL

Tgt Ion: 99 Resp: 862  
Ion Ratio Lower Upper  
99 100  
42 42.6 36.2 54.4  
71 52.8 42.4 63.6



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.361 min Scan# 944  
Delta R.T. 0.000 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

Tgt Ion: 136 Resp: 2537  
Ion Ratio Lower Upper  
136 100  
137 16.2 10.6 15.8#  
54 17.4 9.2 13.8#  
68 10.4 5.4 8.0#

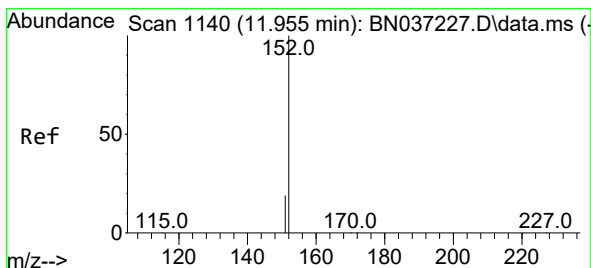
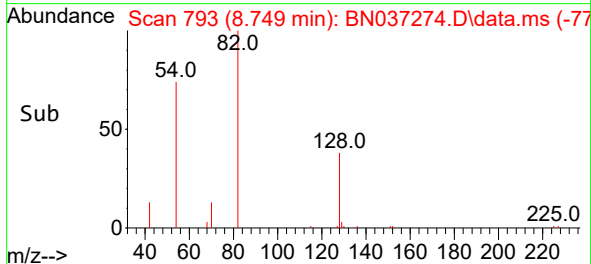
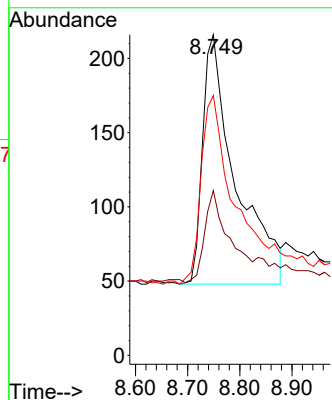
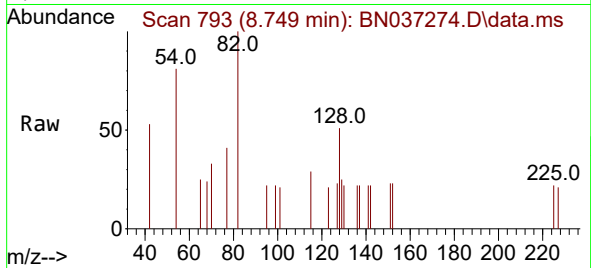




#8  
Nitrobenzene-d5  
Concen: 0.294 ng  
RT: 8.749 min Scan# 791  
Delta R.T. 0.021 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

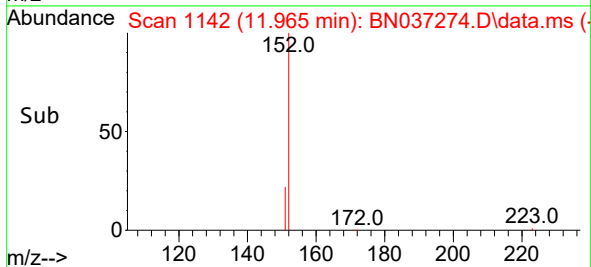
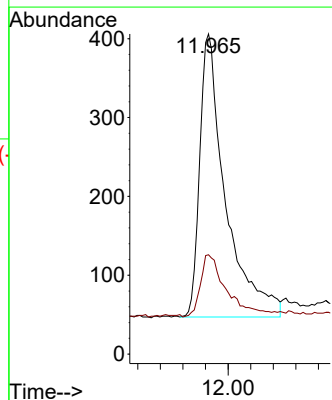
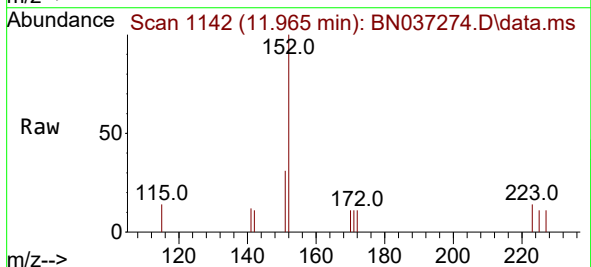
Instrument :  
BNA\_N  
ClientSampleId :  
PB168476BL

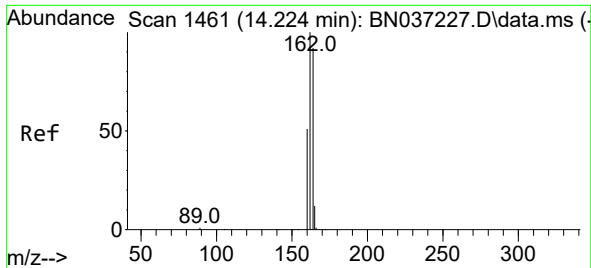
Tgt Ion: 82 Resp: 737  
Ion Ratio Lower Upper  
82 100  
128 51.4 31.2 46.8#  
54 81.0 63.3 94.9



#11  
2-Methylnaphthalene-d10  
Concen: 0.334 ng  
RT: 11.965 min Scan# 1142  
Delta R.T. 0.010 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

Tgt Ion: 152 Resp: 1137  
Ion Ratio Lower Upper  
152 100  
151 22.5 17.9 26.9

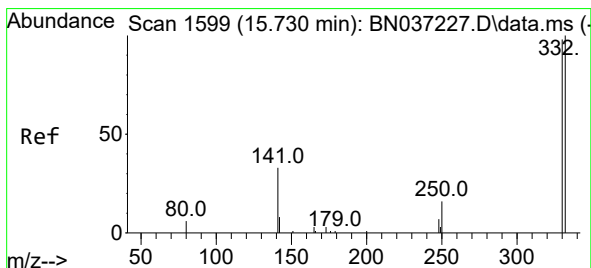
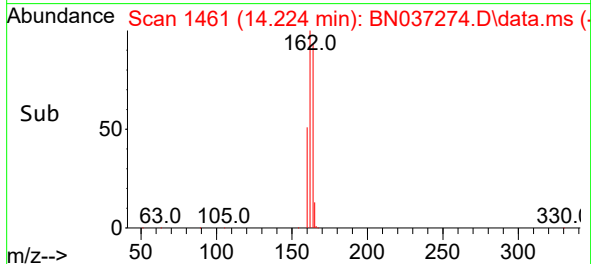
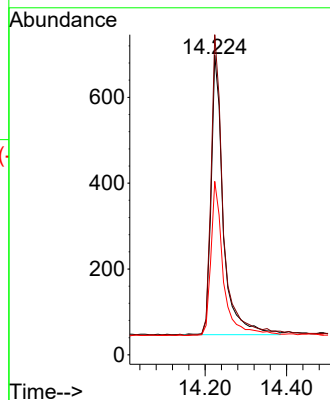
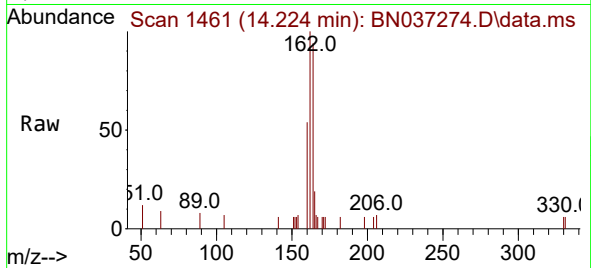




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.224 min Scan# 1461  
Delta R.T. 0.000 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

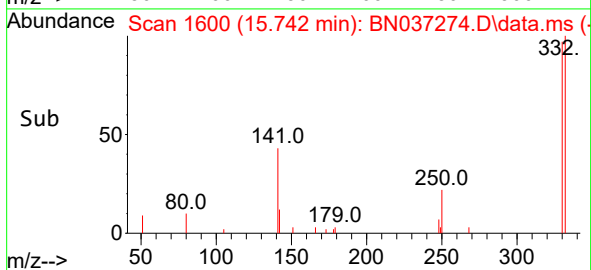
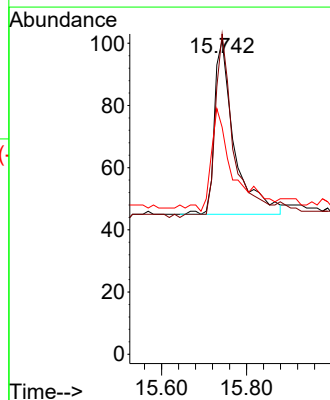
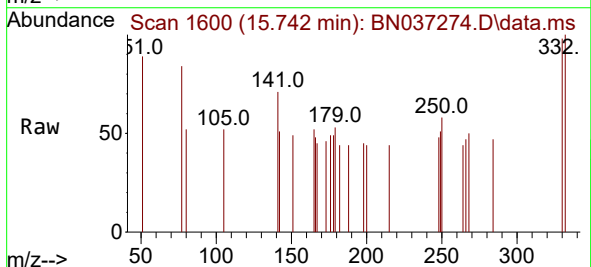
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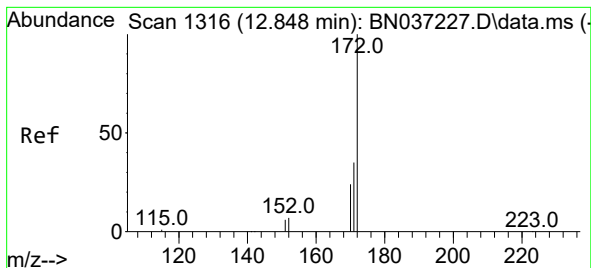
Tgt Ion:164 Resp: 1345  
Ion Ratio Lower Upper  
164 100  
162 106.9 86.7 130.1  
160 57.9 45.8 68.6



#14  
2,4,6-Tribromophenol  
Concen: 0.326 ng  
RT: 15.742 min Scan# 1600  
Delta R.T. 0.012 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

Tgt Ion:330 Resp: 182  
Ion Ratio Lower Upper  
330 100  
332 92.3 74.9 112.3  
141 59.9 45.1 67.7





#15

2-Fluorobiphenyl

Concen: 0.336 ng

RT: 12.858 min Scan# 11

Delta R.T. 0.010 min

Lab File: BN037274.D

Acq: 14 Jun 2025 23:07

Instrument :

BNA\_N

ClientSampleId :

PB168476BL

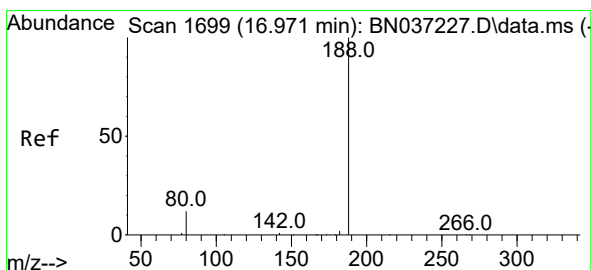
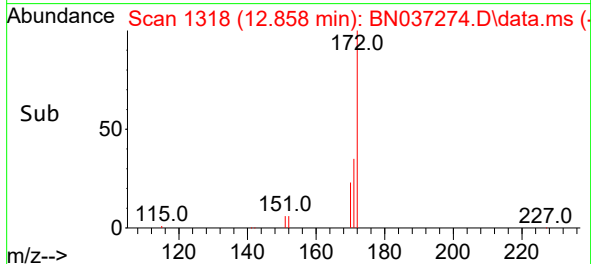
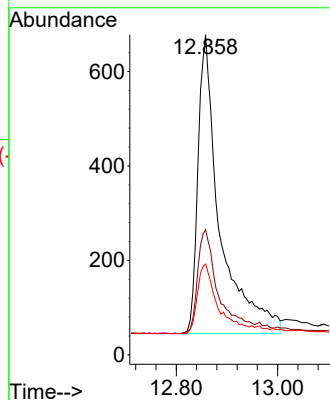
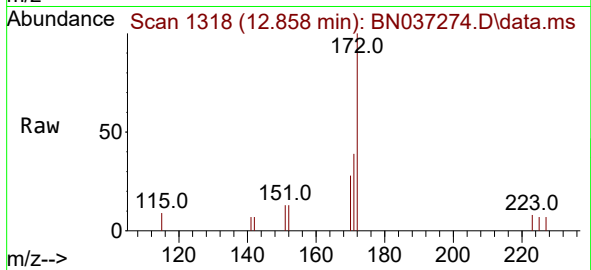
Tgt Ion:172 Resp: 1901

Ion Ratio Lower Upper

172 100

171 39.1 29.8 44.8

170 28.3 21.1 31.7



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.984 min Scan# 1700

Delta R.T. 0.012 min

Lab File: BN037274.D

Acq: 14 Jun 2025 23:07

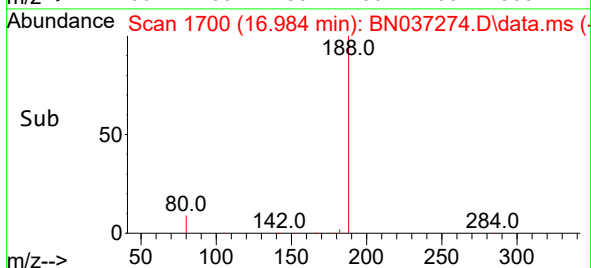
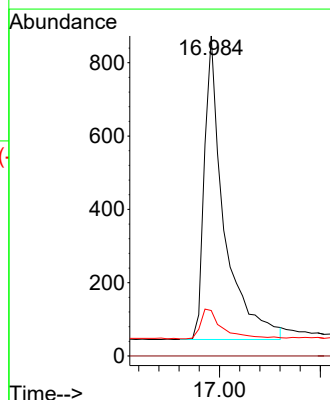
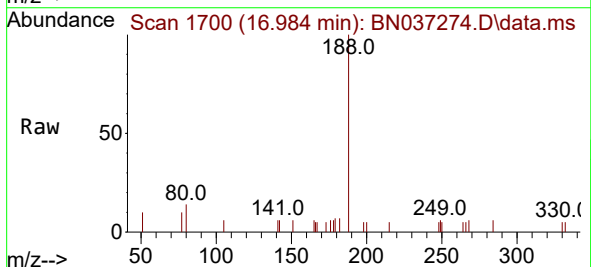
Tgt Ion:188 Resp: 2242

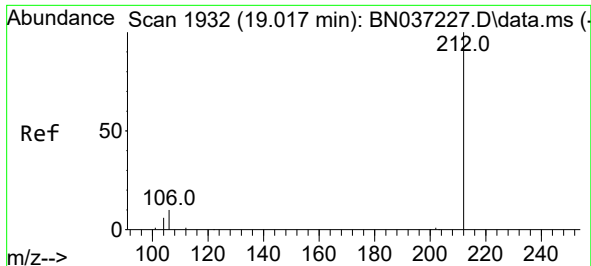
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 14.2 12.2 18.4

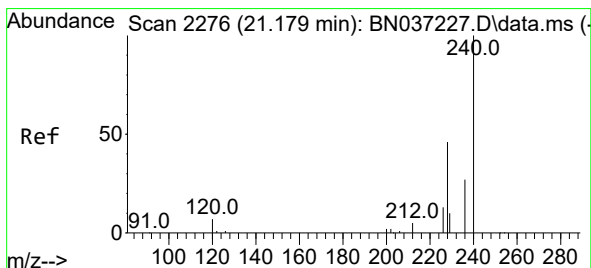
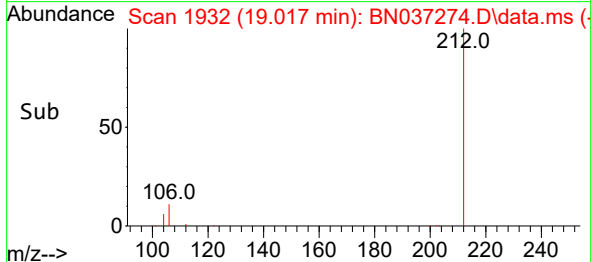
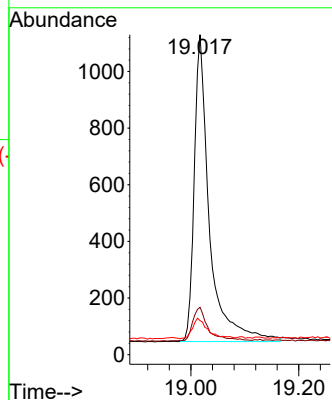
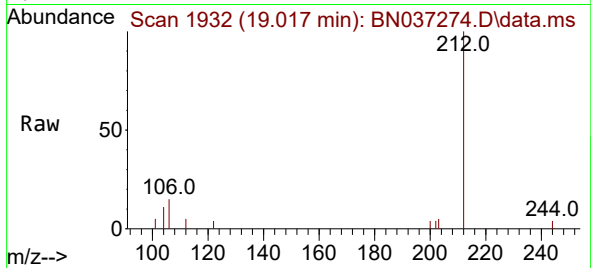




#27  
Fluoranthene-d10  
Concen: 0.361 ng  
RT: 19.017 min Scan# 1932  
Delta R.T. 0.000 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

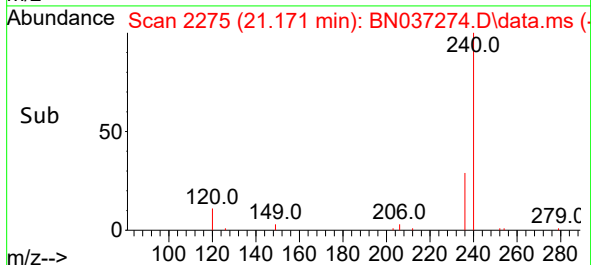
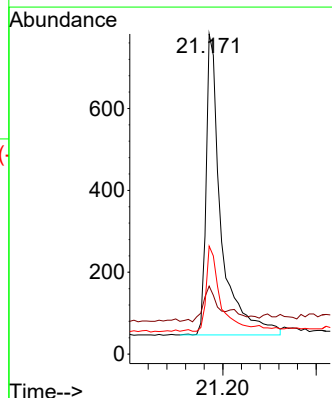
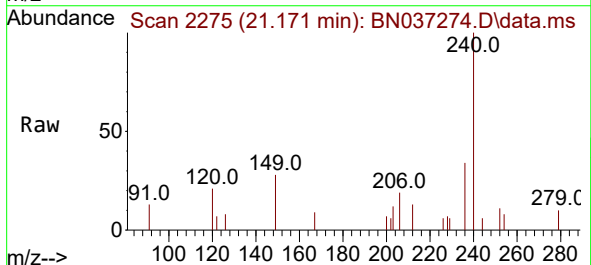
Instrument :  
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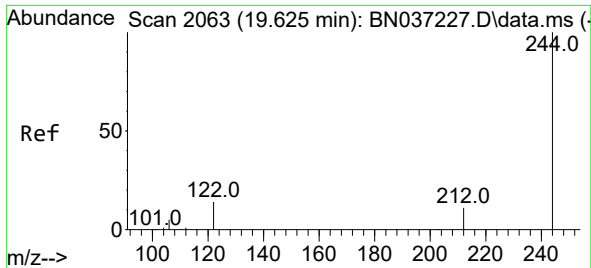
Tgt Ion:212 Resp: 2116  
Ion Ratio Lower Upper  
212 100  
106 11.4 9.3 13.9  
104 6.6 5.7 8.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.171 min Scan# 2275  
Delta R.T. -0.009 min  
Lab File: BN037274.D  
Acq: 14 Jun 2025 23:07

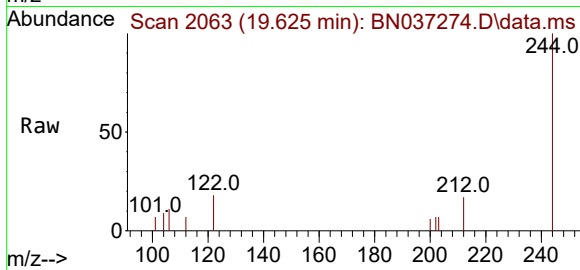
Tgt Ion:240 Resp: 1645  
Ion Ratio Lower Upper  
240 100  
120 21.2 11.3 16.9#  
236 33.8 24.4 36.6



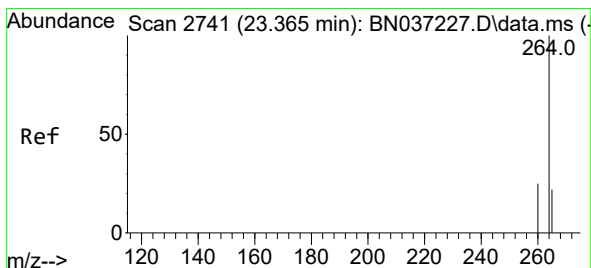
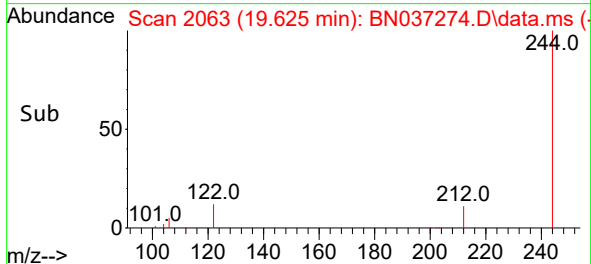
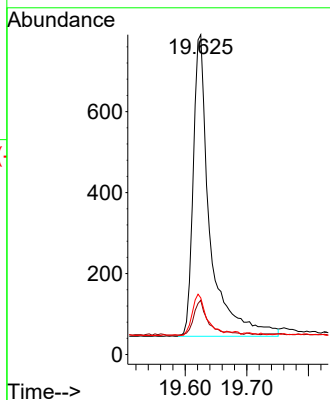


#31  
 Terphenyl-d14  
 Concen: 0.379 ng  
 RT: 19.625 min Scan# 2063  
 Delta R.T. 0.000 min  
 Lab File: BN037274.D  
 Acq: 14 Jun 2025 23:07

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB168476BL



Tgt Ion:244 Resp: 1410  
 Ion Ratio Lower Upper  
 244 100  
 212 17.0 12.2 18.2  
 122 17.7 14.3 21.5



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.357 min Scan# 2738  
 Delta R.T. -0.009 min  
 Lab File: BN037274.D  
 Acq: 14 Jun 2025 23:07

Tgt Ion:264 Resp: 1590  
 Ion Ratio Lower Upper  
 264 100  
 260 30.1 22.8 34.2  
 265 104.6 66.4 99.6#

