

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052725\  
 Data File : BN037087.D  
 Acq On : 27 May 2025 15:11  
 Operator : RC/JU  
 Sample : Q2073-02  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GDW2

Quant Time: May 27 15:36:26 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 14 11:26:32 2025  
 Response via : Initial Calibration

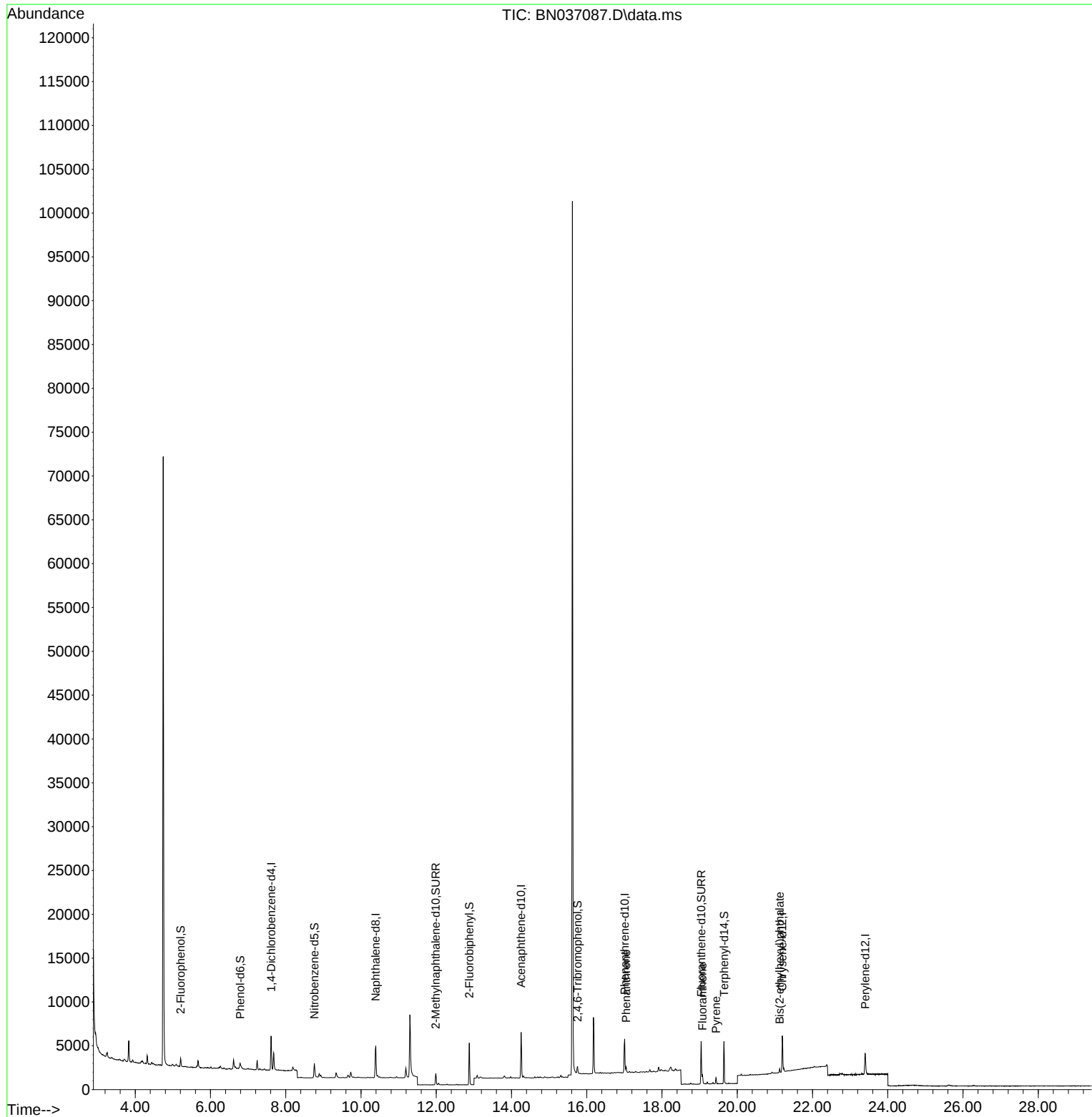
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.611  | 152  | 1828     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.394 | 136  | 4851     | 0.400 | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.256 | 164  | 2747     | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.009 | 188  | 5537     | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.198 | 240  | 3938     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.401 | 264  | 3305     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.206  | 112  | 612      | 0.128 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.788  | 99   | 462      | 0.077 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.760  | 82   | 1429     | 0.271 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 11.986 | 152  | 1833     | 0.268 | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.755 | 330  | 428      | 0.355 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 12.878 | 172  | 4464     | 0.355 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.040 | 212  | 5196     | 0.342 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.649 | 244  | 4607     | 0.547 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 25) Phenanthrene              | 17.046 | 178  | 622      | 0.034 | ng    | # 96     |
| 28) Fluoranthene              | 19.073 | 202  | 713      | 0.033 | ng    | # 68     |
| 30) Pyrene                    | 19.435 | 202  | 637      | 0.038 | ng    | 96       |
| 34) Bis(2-ethylhexyl)phtha... | 21.126 | 149  | 515      | 0.056 | ng    | 93       |
| -----                         |        |      |          |       |       |          |

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

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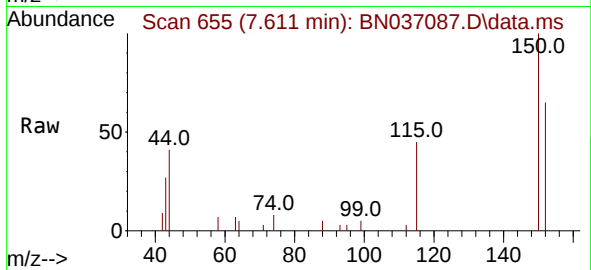
Quant Time: May 27 15:36:26 2025  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN051425.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 14 11:26:32 2025  
Response via : Initial Calibration



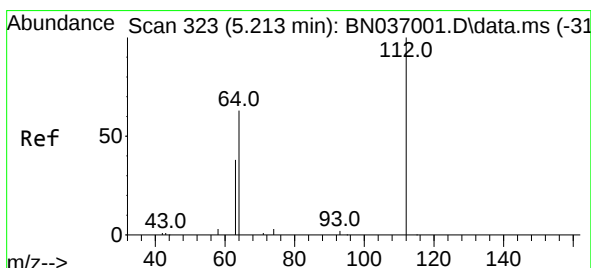
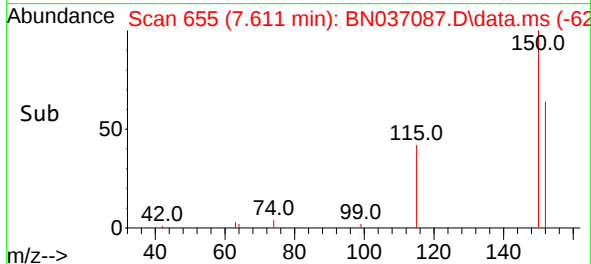
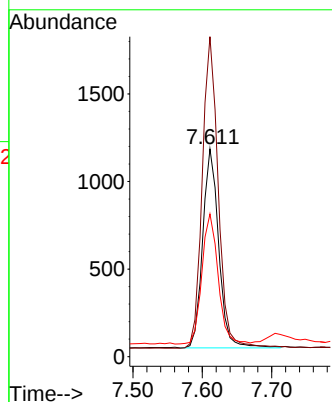


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.611 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

Instrument :  
BNA\_N  
ClientSampleId :  
GDW2

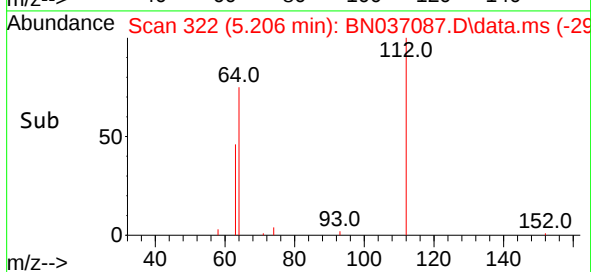
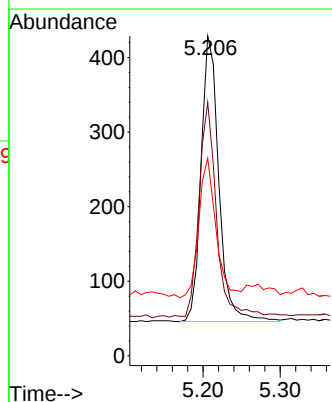
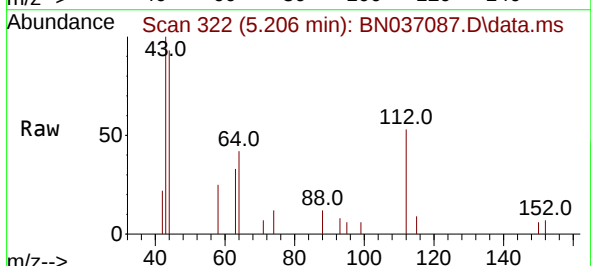


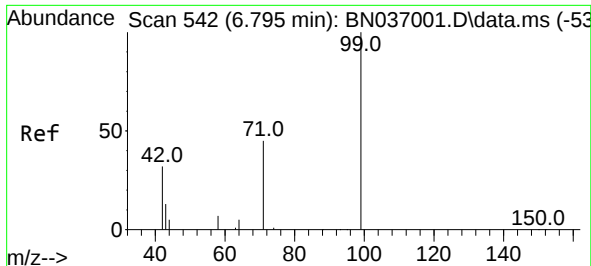
Tgt Ion:152 Resp: 1828  
Ion Ratio Lower Upper  
152 100  
150 153.9 123.9 185.9  
115 68.7 55.8 83.8



#4  
2-Fluorophenol  
Concen: 0.128 ng  
RT: 5.206 min Scan# 322  
Delta R.T. -0.007 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

Tgt Ion:112 Resp: 612  
Ion Ratio Lower Upper  
112 100  
64 75.0 55.7 83.5  
63 47.2 34.6 51.8

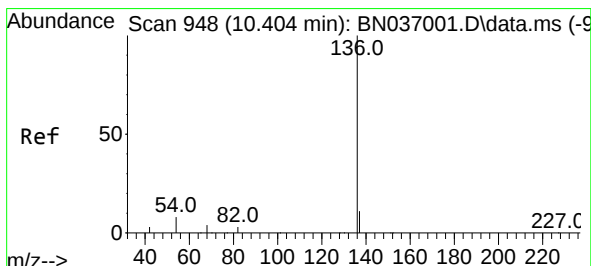
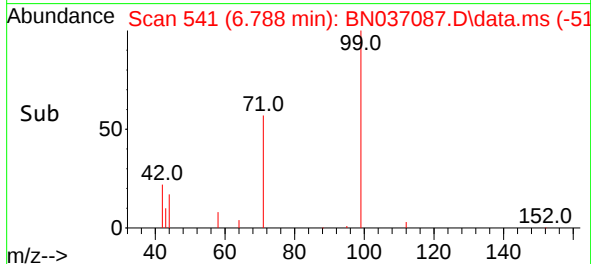
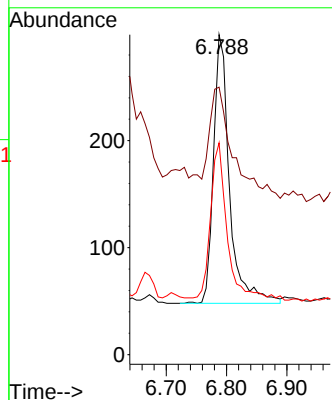
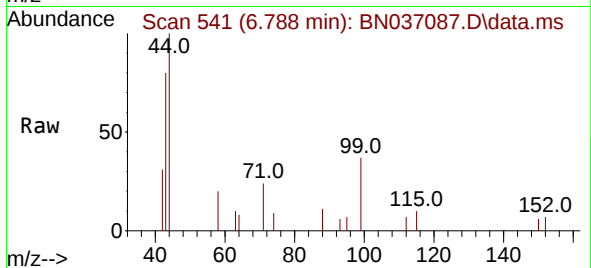




#5  
Phenol-d6  
Concen: 0.077 ng  
RT: 6.788 min Scan# 541  
Delta R.T. -0.007 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

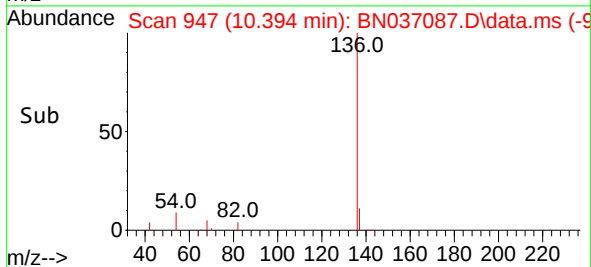
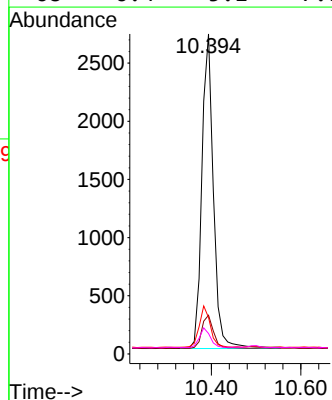
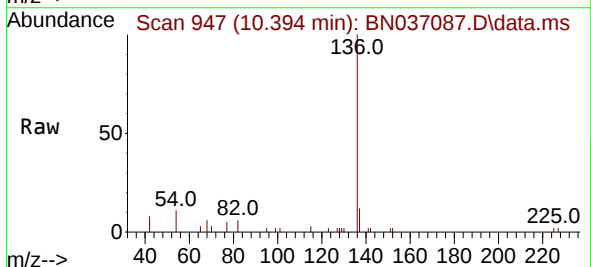
Instrument :  
BNA\_N  
ClientSampleId :  
GDW2

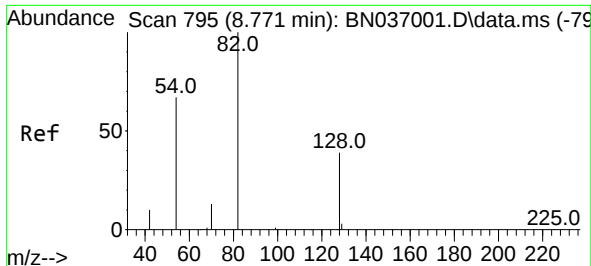
Tgt Ion: 99 Resp: 462  
Ion Ratio Lower Upper  
99 100  
42 60.8 29.3 43.9#  
71 61.3 35.7 53.5#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.394 min Scan# 947  
Delta R.T. -0.011 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

Tgt Ion: 136 Resp: 4851  
Ion Ratio Lower Upper  
136 100  
137 12.1 10.4 15.6  
54 11.4 8.5 12.7  
68 6.4 5.1 7.7

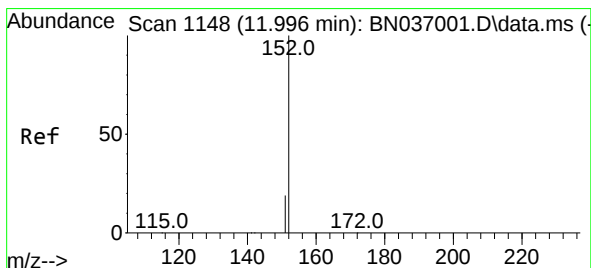
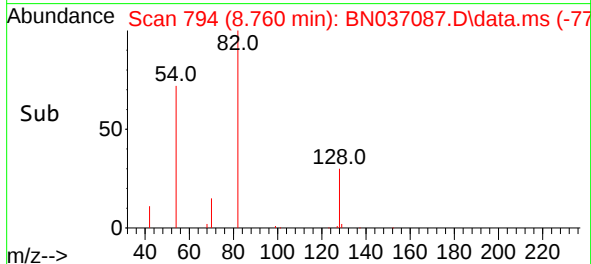
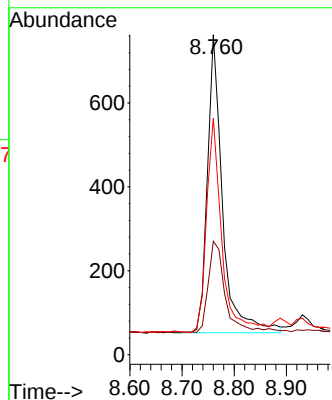
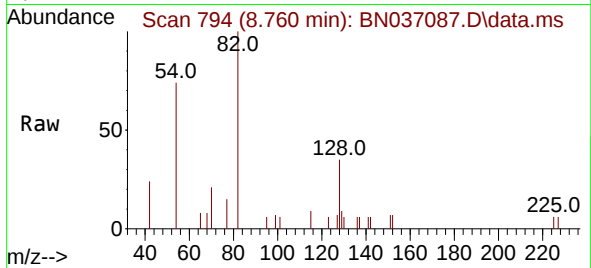




#8  
 Nitrobenzene-d5  
 Concen: 0.271 ng  
 RT: 8.760 min Scan# 795  
 Delta R.T. -0.011 min  
 Lab File: BN037087.D  
 Acq: 27 May 2025 15:11

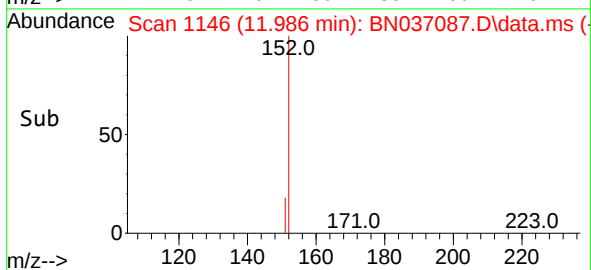
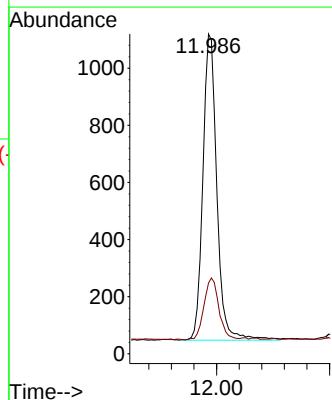
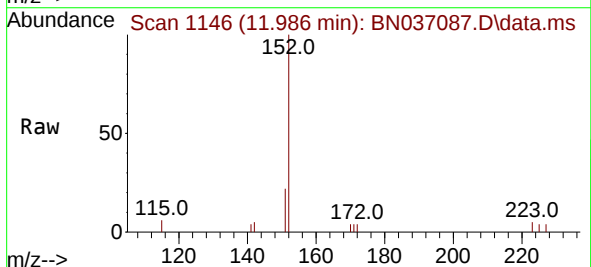
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GDW2

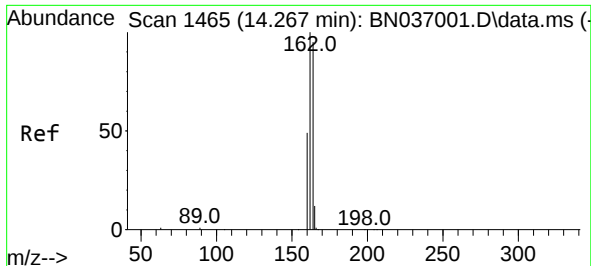
Tgt Ion: 82 Resp: 1429  
 Ion Ratio Lower Upper  
 82 100  
 128 35.4 34.0 51.0  
 54 73.9 55.0 82.4



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.268 ng  
 RT: 11.986 min Scan# 1146  
 Delta R.T. -0.010 min  
 Lab File: BN037087.D  
 Acq: 27 May 2025 15:11

Tgt Ion: 152 Resp: 1833  
 Ion Ratio Lower Upper  
 152 100  
 151 21.7 17.5 26.3

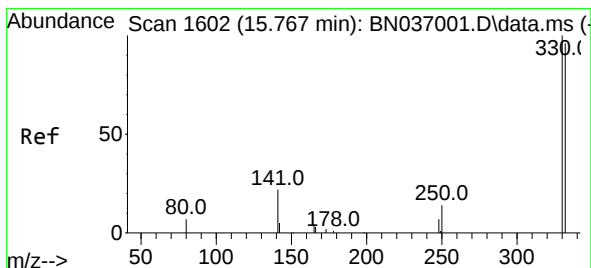
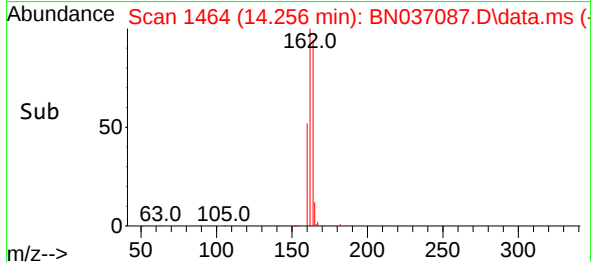
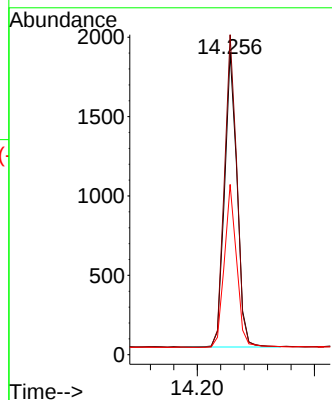
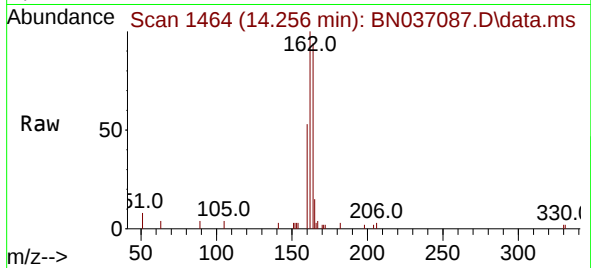




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.256 min Scan# 1464  
Delta R.T. -0.011 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

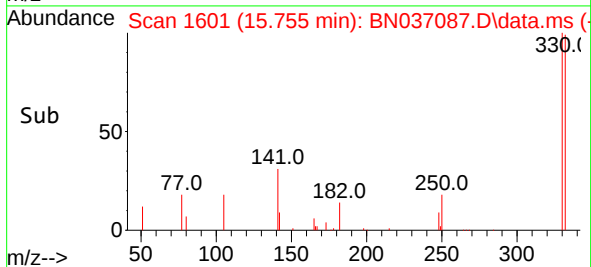
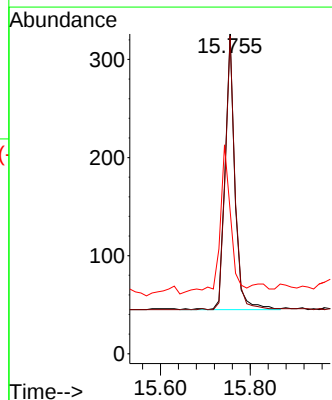
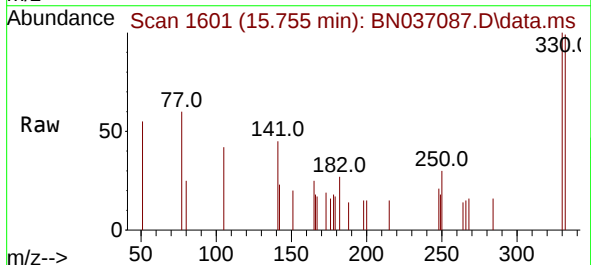
Instrument :  
BNA\_N  
ClientSampleId :  
GDW2

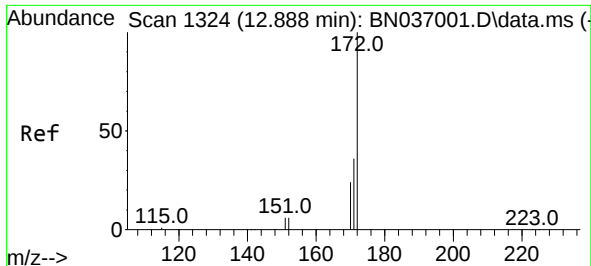
Tgt Ion:164 Resp: 2747  
Ion Ratio Lower Upper  
164 100  
162 105.9 84.2 126.4  
160 56.4 42.6 63.8



#14  
2,4,6-Tribromophenol  
Concen: 0.355 ng  
RT: 15.755 min Scan# 1601  
Delta R.T. -0.012 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

Tgt Ion:330 Resp: 428  
Ion Ratio Lower Upper  
330 100  
332 97.9 73.8 110.8  
141 57.0 43.9 65.9

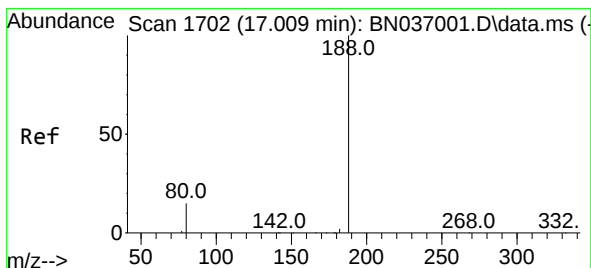
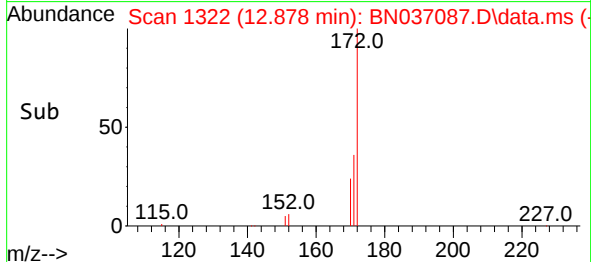
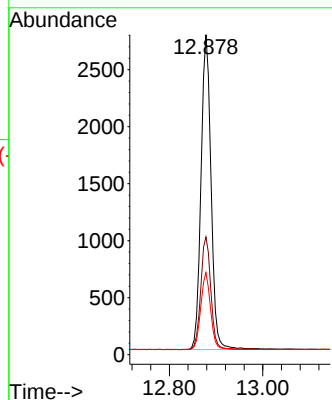
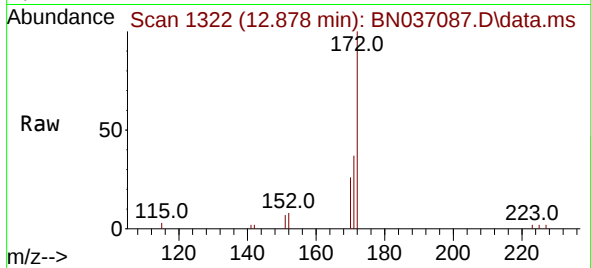




#15  
2-Fluorobiphenyl  
Concen: 0.355 ng  
RT: 12.878 min Scan# 11  
Delta R.T. -0.010 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

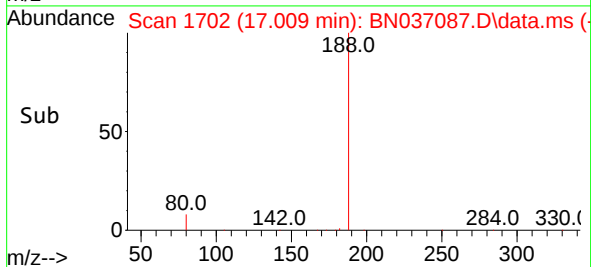
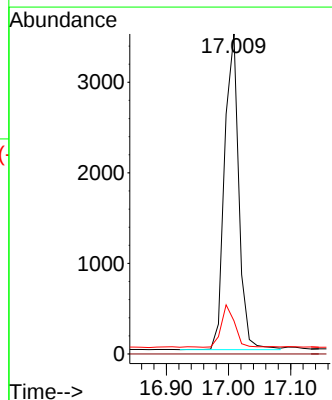
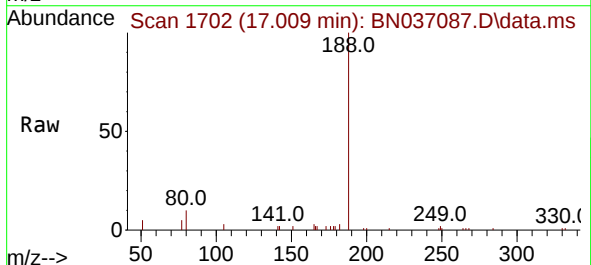
Instrument :  
BNA\_N  
ClientSampleId :  
GDW2

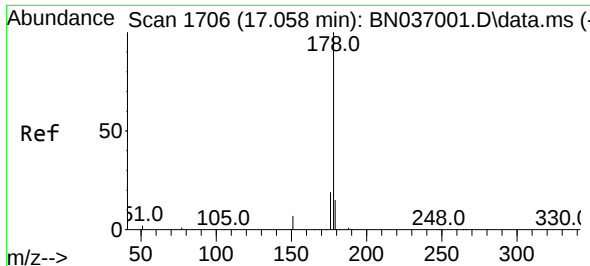
Tgt Ion:172 Resp: 4464  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.2 43.8  
170 25.7 20.5 30.7



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.009 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

Tgt Ion:188 Resp: 5537  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.4 13.4 20.0#

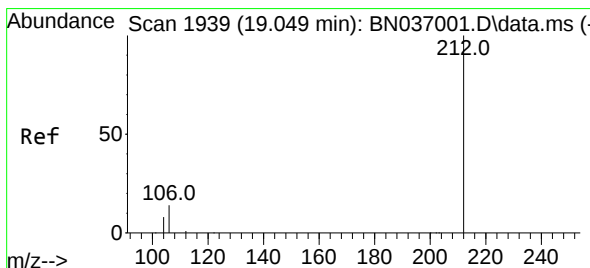
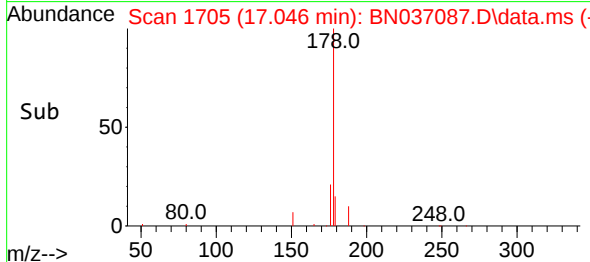
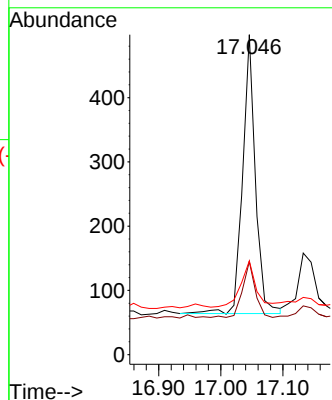
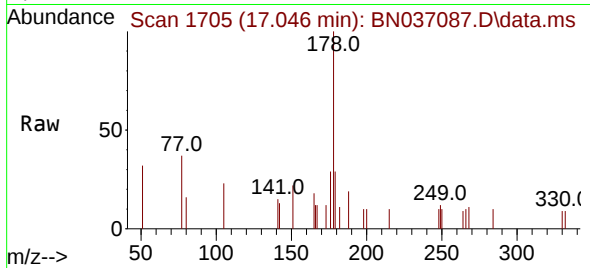




#25  
Phenanthrene  
Concen: 0.034 ng  
RT: 17.046 min Scan# 1705  
Delta R.T. -0.012 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

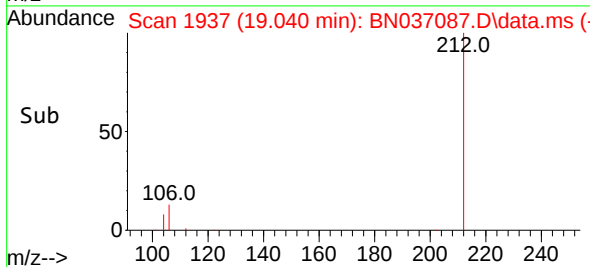
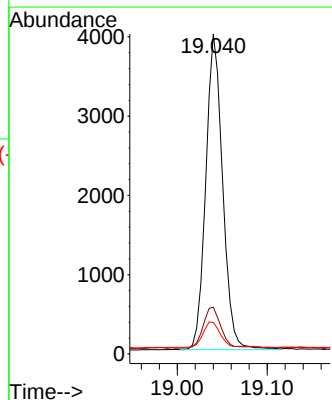
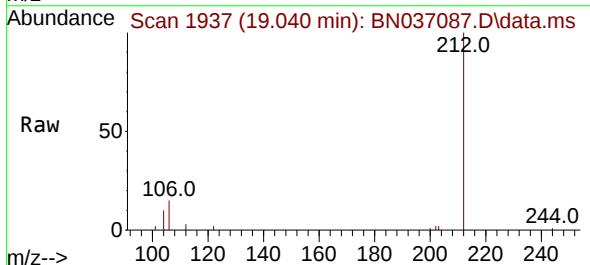
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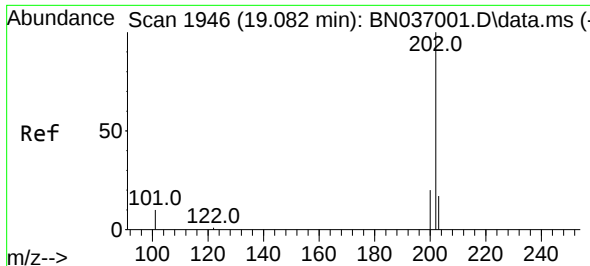
Tgt Ion:178 Resp: 622  
Ion Ratio Lower Upper  
178 100  
176 19.6 15.7 23.5  
179 19.5 12.2 18.2#



#27  
Fluoranthene-d10  
Concen: 0.342 ng  
RT: 19.040 min Scan# 1937  
Delta R.T. -0.009 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

Tgt Ion:212 Resp: 5196  
Ion Ratio Lower Upper  
212 100  
106 13.8 11.3 16.9  
104 8.2 6.7 10.1

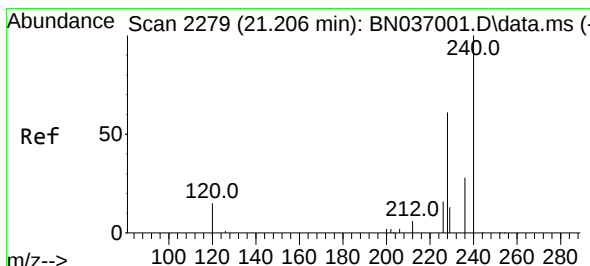
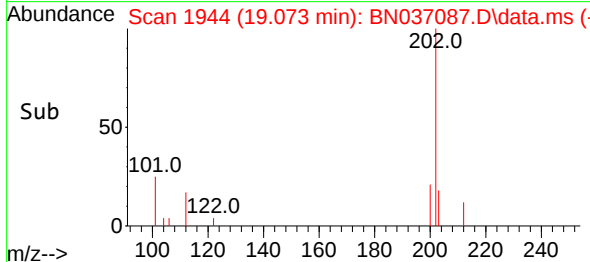
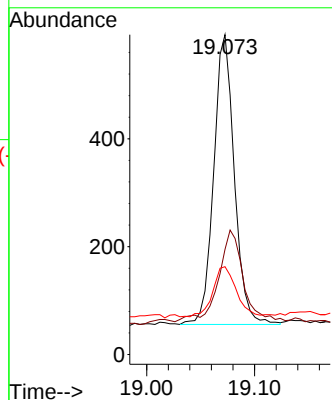
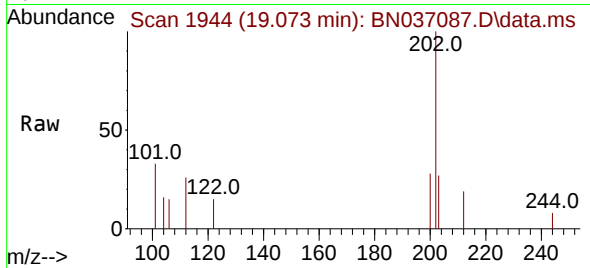




#28  
Fluoranthene  
Concen: 0.033 ng  
RT: 19.073 min Scan# 1944  
Delta R.T. -0.009 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

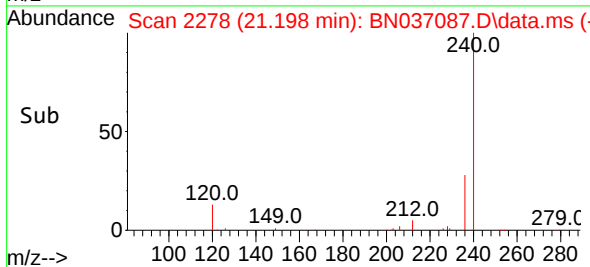
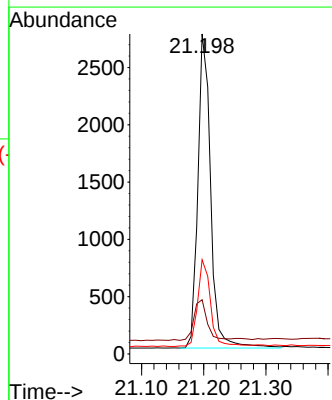
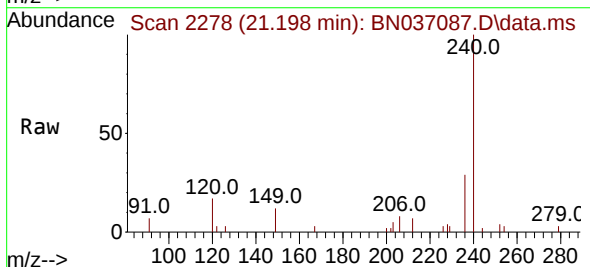
Instrument :  
BNA\_N  
ClientSampleId :  
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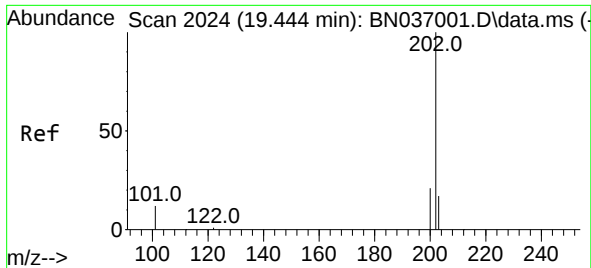
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Ion Ratio Lower Upper  
202 100  
101 39.0 8.9 13.3#  
203 19.8 13.8 20.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.198 min Scan# 2278  
Delta R.T. -0.009 min  
Lab File: BN037087.D  
Acq: 27 May 2025 15:11

Tgt Ion:240 Resp: 3938  
Ion Ratio Lower Upper  
240 100  
120 16.9 15.1 22.7  
236 29.4 24.0 36.0

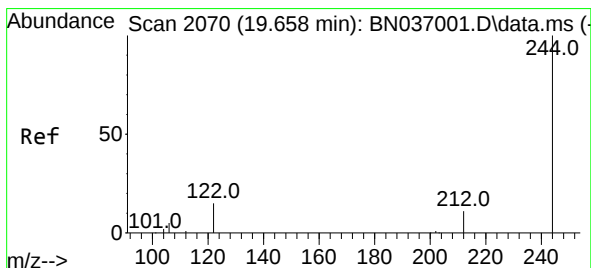
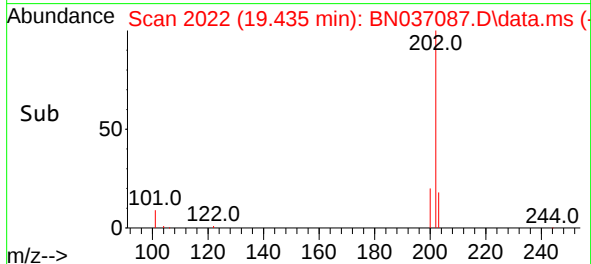
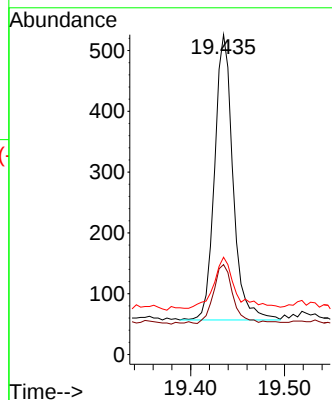
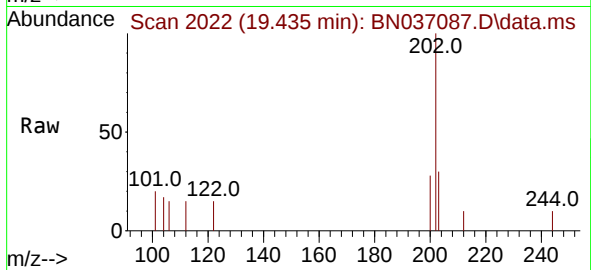




#30  
 Pyrene  
 Concen: 0.038 ng  
 RT: 19.435 min Scan# 20  
 Delta R.T. -0.009 min  
 Lab File: BN037087.D  
 Acq: 27 May 2025 15:11

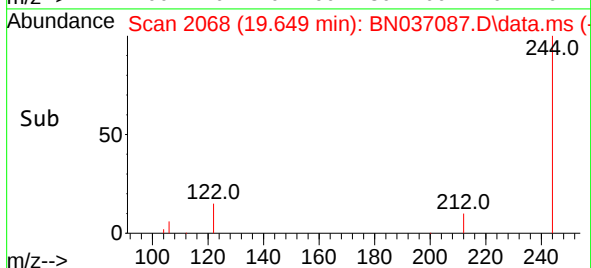
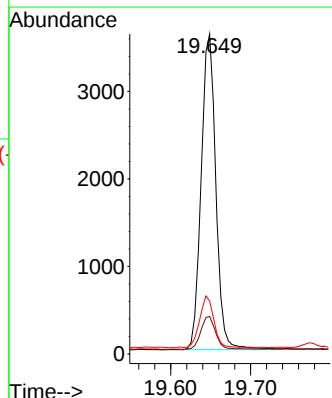
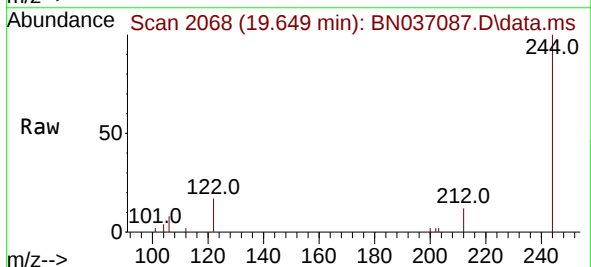
Instrument :  
 BNA\_N  
 ClientSampleId :  
 GDW2

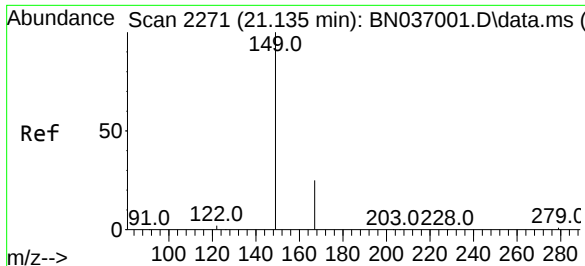
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:202 | Resp: | 637       |
| Ion Ratio   | Lower | Upper     |
| 202         | 100   |           |
| 200         | 22.3  | 17.1 25.7 |
| 203         | 20.6  | 14.2 21.4 |



#31  
 Terphenyl-d14  
 Concen: 0.547 ng  
 RT: 19.649 min Scan# 2068  
 Delta R.T. -0.009 min  
 Lab File: BN037087.D  
 Acq: 27 May 2025 15:11

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:244 | Resp: | 4607      |
| Ion Ratio   | Lower | Upper     |
| 244         | 100   |           |
| 212         | 11.7  | 9.7 14.5  |
| 122         | 16.5  | 13.4 20.0 |

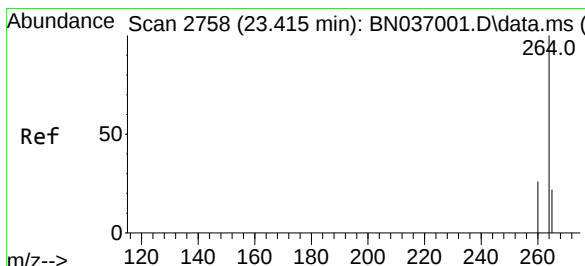
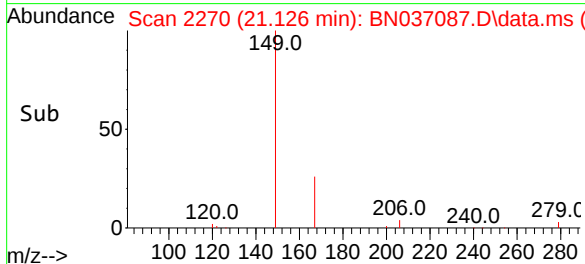
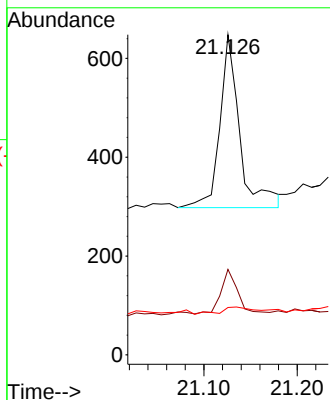
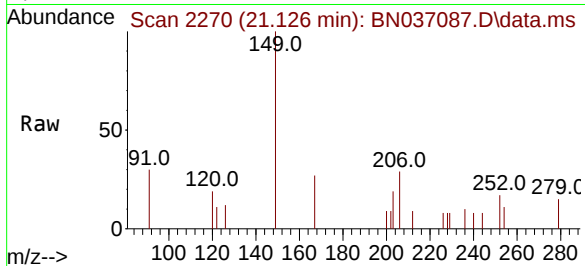




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.056 ng  
 RT: 21.126 min Scan# 2110  
 Delta R.T. -0.009 min  
 Lab File: BN037087.D  
 Acq: 27 May 2025 15:11

Instrument :  
 BNA\_N  
 ClientSampleId :  
 GDW2

Tgt Ion:149 Resp: 515  
 Ion Ratio Lower Upper  
 149 100  
 167 21.7 20.6 30.8  
 279 3.7 2.6 3.8



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.401 min Scan# 2753  
 Delta R.T. -0.015 min  
 Lab File: BN037087.D  
 Acq: 27 May 2025 15:11

Tgt Ion:264 Resp: 3305  
 Ion Ratio Lower Upper  
 264 100  
 260 29.4 21.9 32.9  
 265 77.1 51.6 77.4

