

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121125\  
 Data File : BN038316.D  
 Acq On : 11 Dec 2025 14:14  
 Operator : RC/JU  
 Sample : Q3757-09  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-05B-72-120325

Quant Time: Dec 11 14:38:42 2025  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 10 13:56:50 2025  
 Response via : Initial Calibration

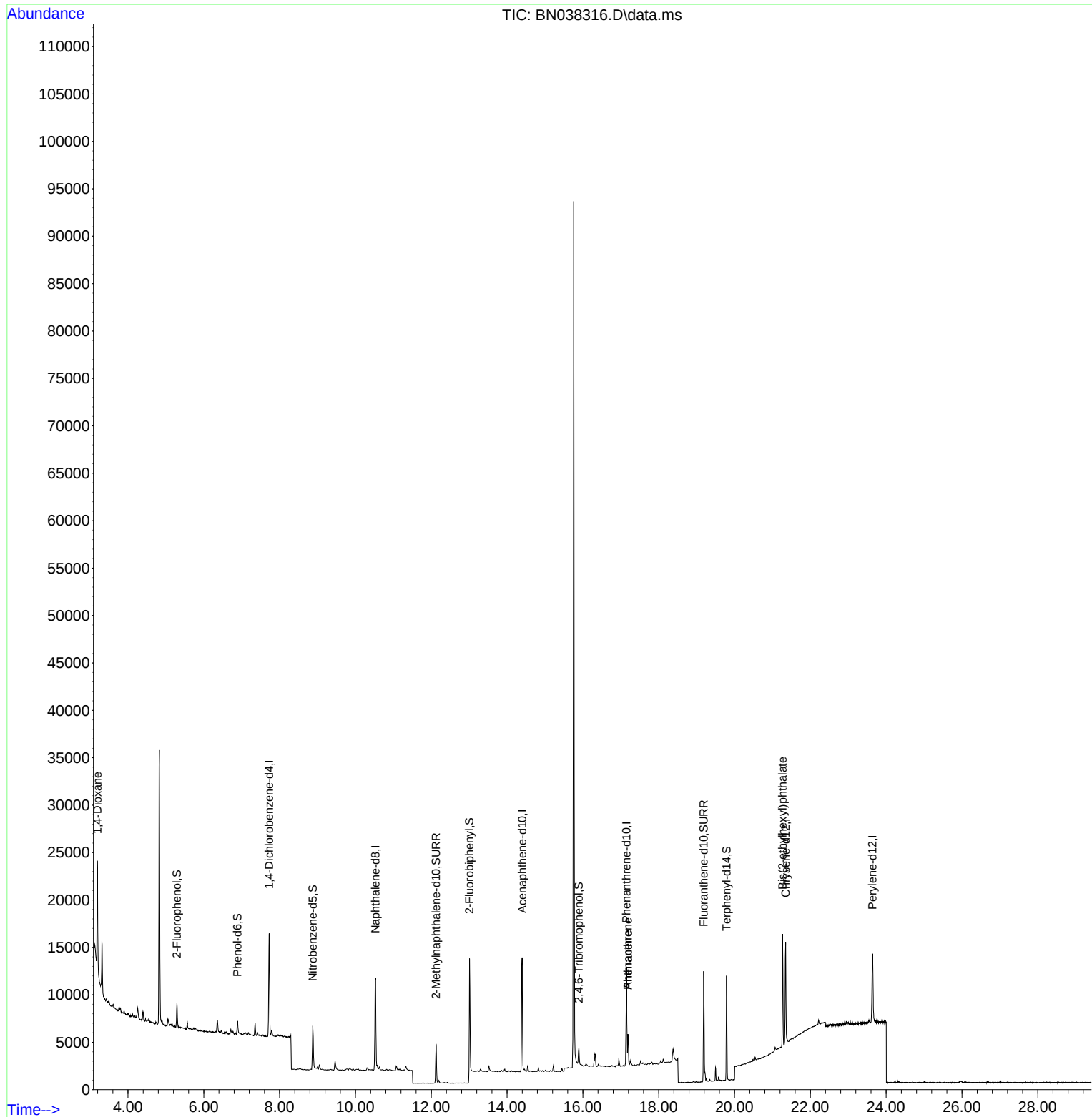
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.724  | 152  | 5450     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.530 | 136  | 14372    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.398 | 164  | 7355     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.148 | 188  | 13319    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.349 | 240  | 10405    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.639 | 264  | 10487    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 2065     | 0.152 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.887  | 99   | 1378     | 0.085 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.875  | 82   | 4144     | 0.342 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.126 | 152  | 5838     | 0.288 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.895 | 330  | 1043     | 0.320 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.008 | 172  | 10746    | 0.303 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.187 | 212  | 12740    | 0.387 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.791 | 244  | 10158    | 0.437 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.196  | 88   | 6694     | 1.071 | ng    | # 93     |
| 25) Phenanthrene              | 17.186 | 178  | 3533     | 0.076 | ng    | 98       |
| 26) Anthracene                | 17.186 | 178  | 3494     | 0.087 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.268 | 149  | 10515    | 0.477 | ng    | 100      |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN121125\  
Data File : BN038316.D  
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Operator : RC/JU  
Sample : Q3757-09  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
OW-05B-72-120325

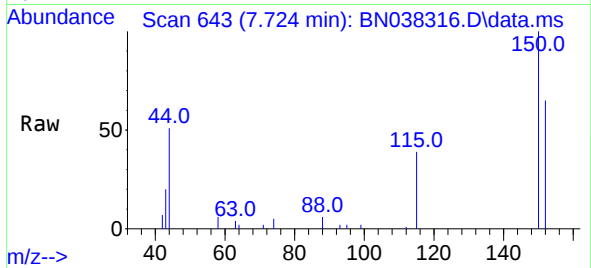
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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN121025.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 10 13:56:50 2025  
Response via : Initial Calibration



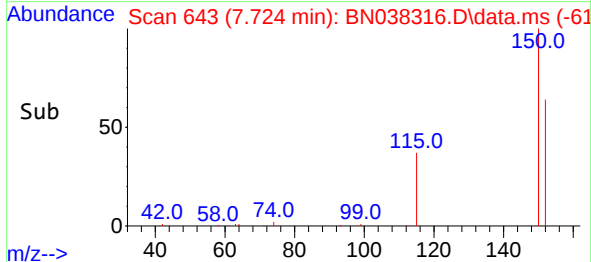
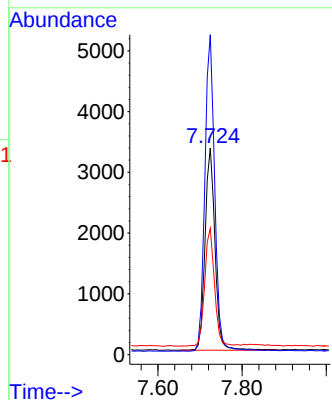


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.724 min Scan# 64  
 Delta R.T. 0.000 min  
 Lab File: BN038316.D  
 Acq: 11 Dec 2025 14:14

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-05B-72-120325

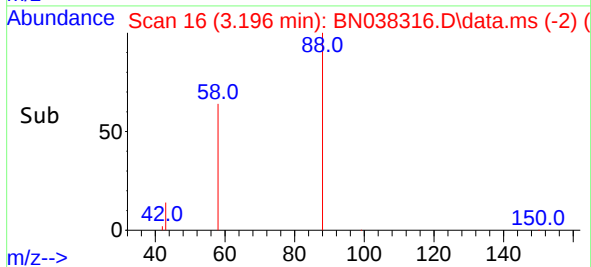
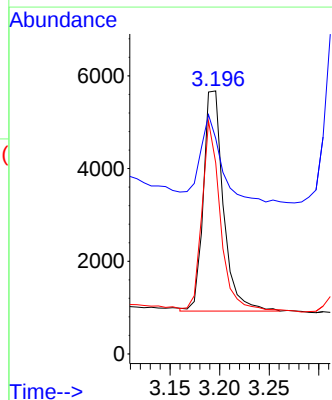
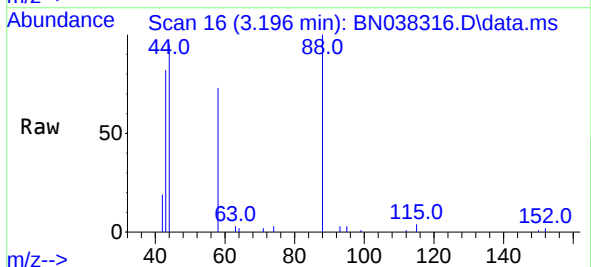


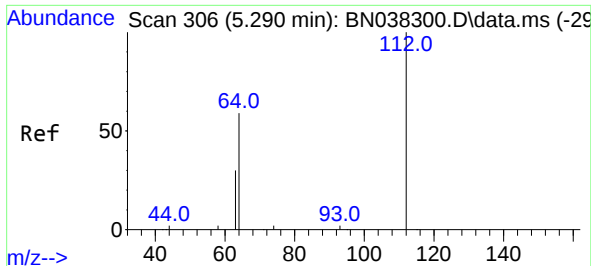
Tgt Ion:152 Resp: 5450  
 Ion Ratio Lower Upper  
 152 100  
 150 154.8 122.4 183.6  
 115 61.1 47.3 70.9



#2  
 1,4-Dioxane  
 Concen: 1.071 ng  
 RT: 3.196 min Scan# 16  
 Delta R.T. 0.000 min  
 Lab File: BN038316.D  
 Acq: 11 Dec 2025 14:14

Tgt Ion: 88 Resp: 6694  
 Ion Ratio Lower Upper  
 88 100  
 43 43.1 24.9 37.3#  
 58 77.8 61.4 92.0

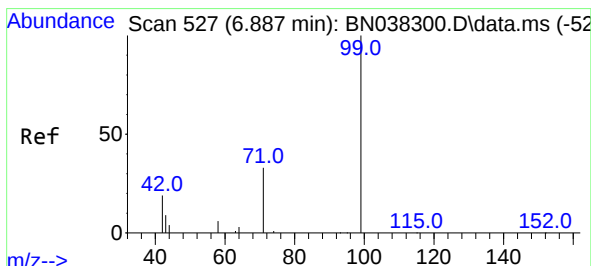
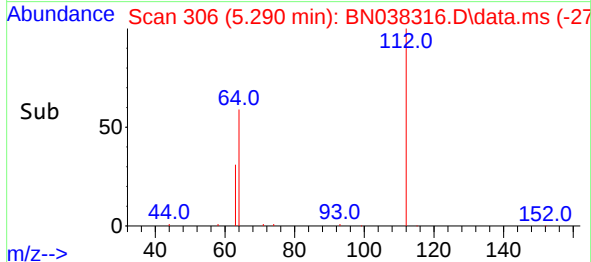
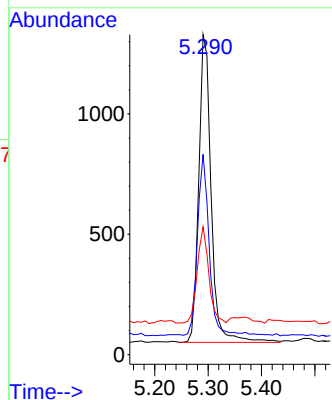
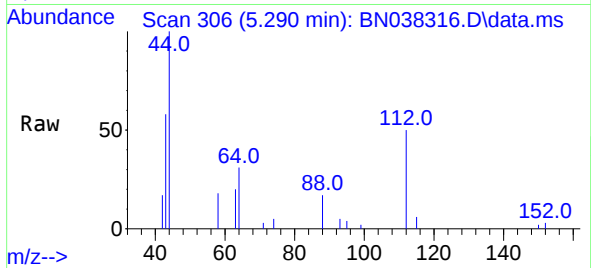




#4  
2-Fluorophenol  
Concen: 0.152 ng  
RT: 5.290 min Scan# 306  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

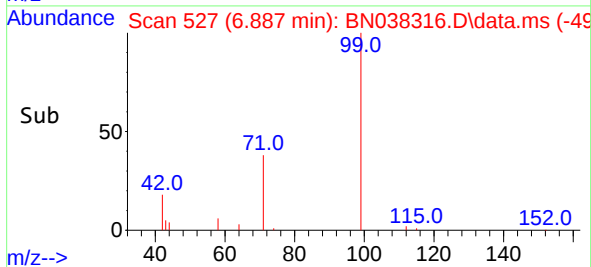
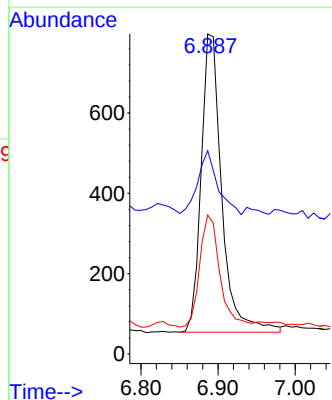
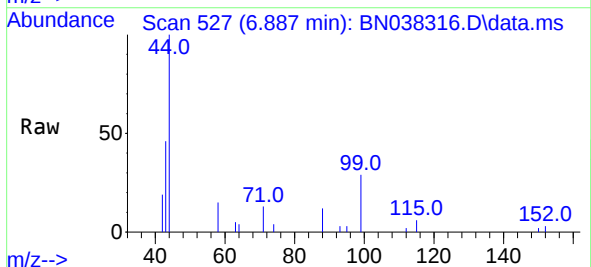
Instrument :  
BNA\_N  
ClientSampleId :  
OW-05B-72-120325

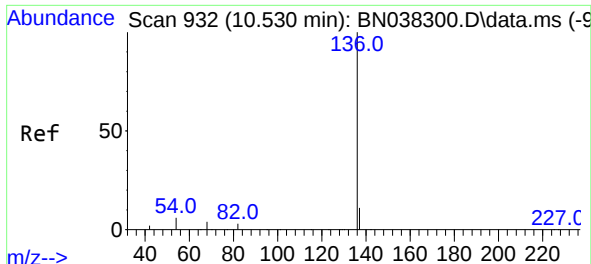
Tgt Ion:112 Resp: 2065  
Ion Ratio Lower Upper  
112 100  
64 55.9 44.4 66.6  
63 29.0 23.4 35.0



#5  
Phenol-d6  
Concen: 0.085 ng  
RT: 6.887 min Scan# 527  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

Tgt Ion: 99 Resp: 1378  
Ion Ratio Lower Upper  
99 100  
42 20.7 16.5 24.7  
71 36.7 24.9 37.3

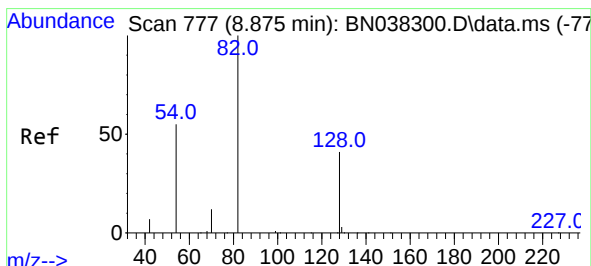
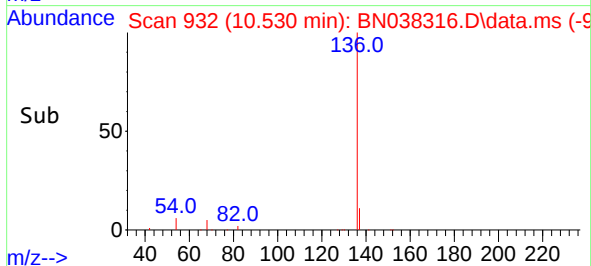
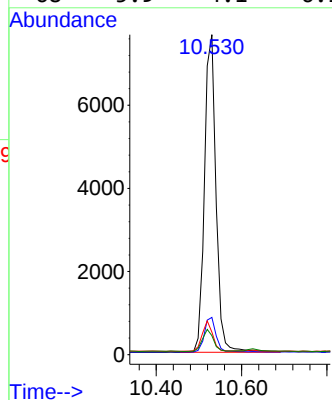
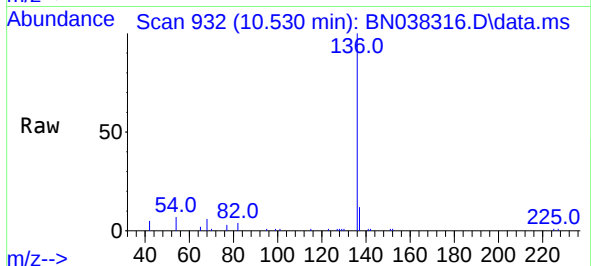




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

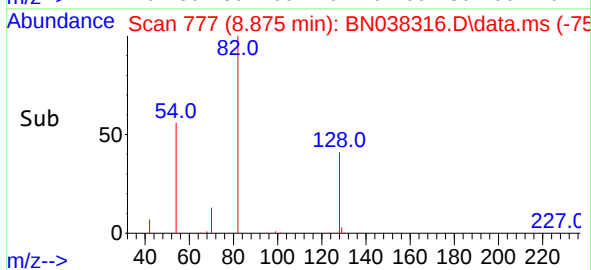
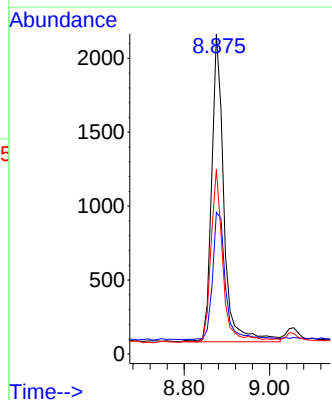
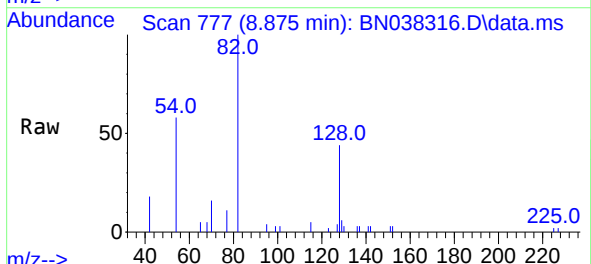
Instrument :  
BNA\_N  
ClientSampleId :  
OW-05B-72-120325

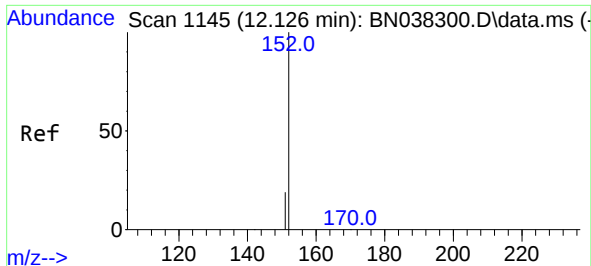
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 14372 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.6  | 9.1   | 13.7  |
| 54       | 7.1   | 5.2   | 7.8   |
| 68       | 5.9   | 4.1   | 6.1   |



#8  
Nitrobenzene-d5  
Concen: 0.342 ng  
RT: 8.875 min Scan# 777  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 4144  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.2  | 34.0  | 51.0  |
| 54       | 57.7  | 44.4  | 66.6  |

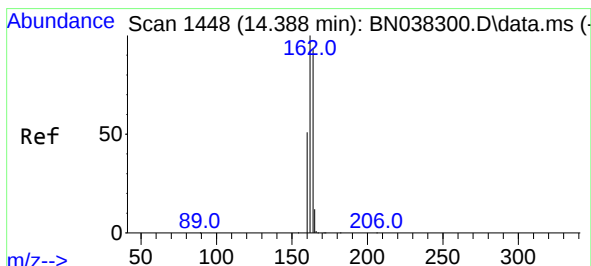
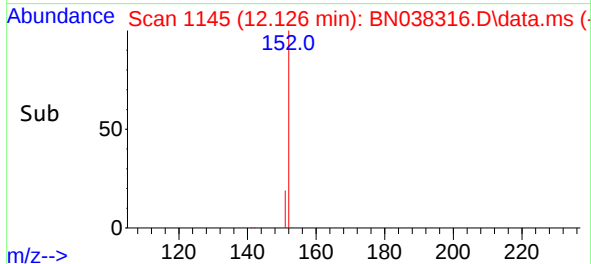
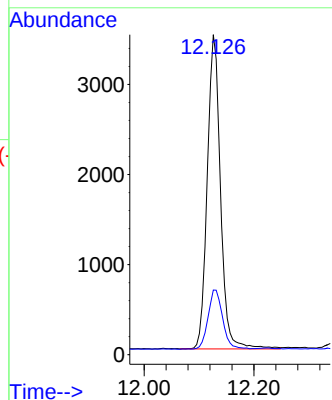
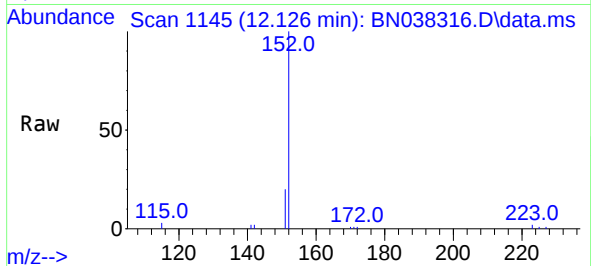




#11  
2-Methylnaphthalene-d10  
Concen: 0.288 ng  
RT: 12.126 min Scan# 1145  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

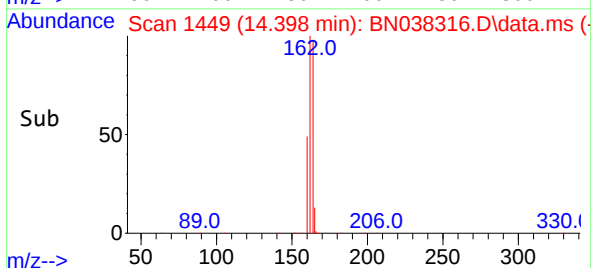
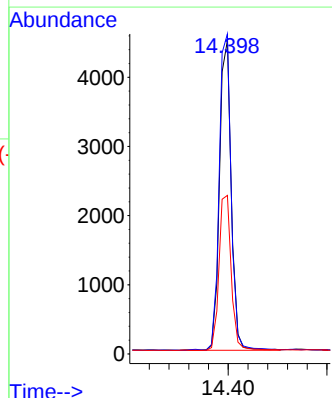
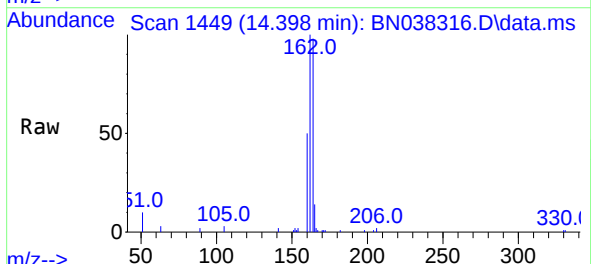
Instrument :  
BNA\_N  
ClientSampleId :  
OW-05B-72-120325

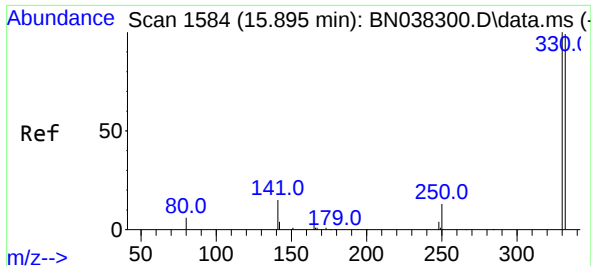
Tgt Ion:152 Resp: 5838  
Ion Ratio Lower Upper  
152 100  
151 20.8 17.0 25.6



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.398 min Scan# 1449  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

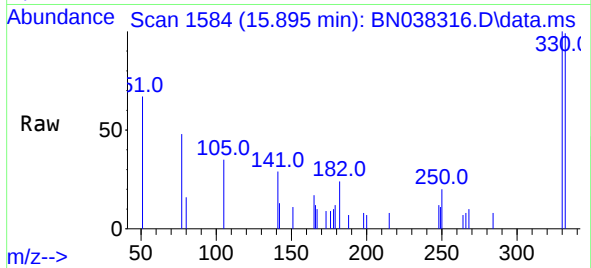
Tgt Ion:164 Resp: 7355  
Ion Ratio Lower Upper  
164 100  
162 102.1 86.2 129.4  
160 50.6 44.6 67.0



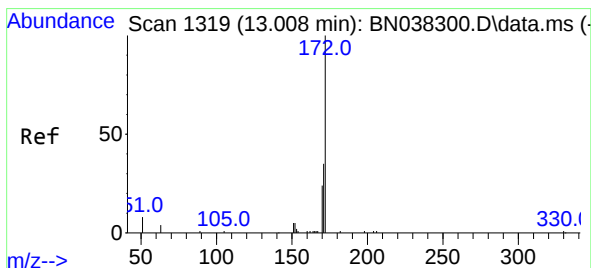
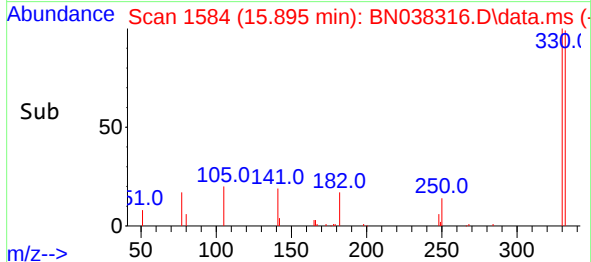
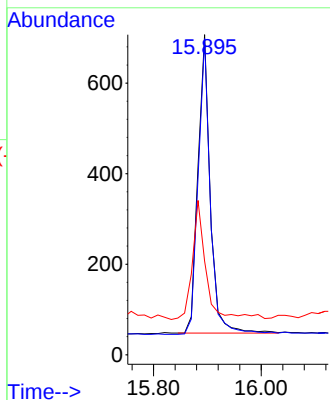


#14  
2,4,6-Tribromophenol  
Concen: 0.320 ng  
RT: 15.895 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

Instrument :  
BNA\_N  
ClientSampleId :  
OW-05B-72-120325

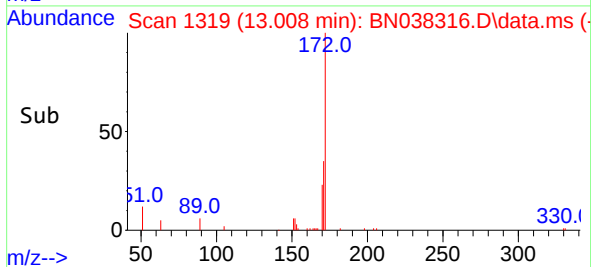
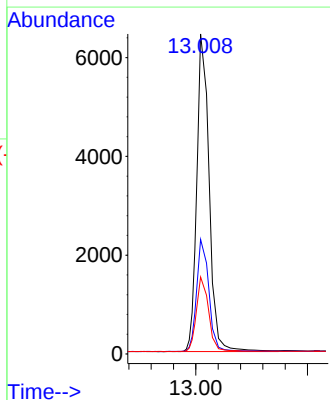
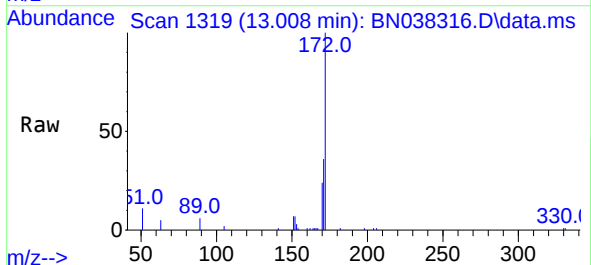


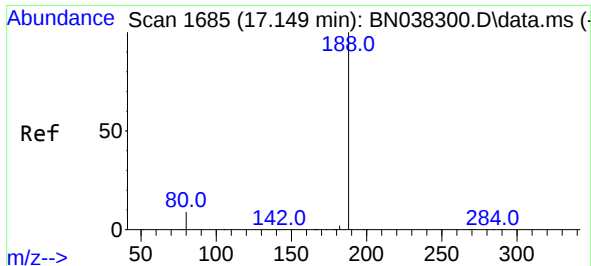
Tgt Ion:330 Resp: 1043  
Ion Ratio Lower Upper  
330 100  
332 99.2 75.8 113.6  
141 41.9 31.8 47.8



#15  
2-Fluorobiphenyl  
Concen: 0.303 ng  
RT: 13.008 min Scan# 1319  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

Tgt Ion:172 Resp: 10746  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 42.8  
170 24.1 19.3 28.9





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.148 min Scan# 1685

Delta R.T. 0.000 min

Lab File: BN038316.D

Acq: 11 Dec 2025 14:14

Instrument :

BNA\_N

ClientSampleId :

OW-05B-72-120325

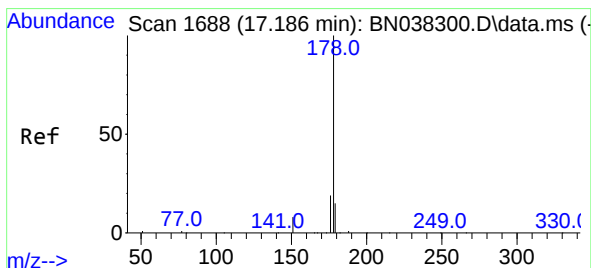
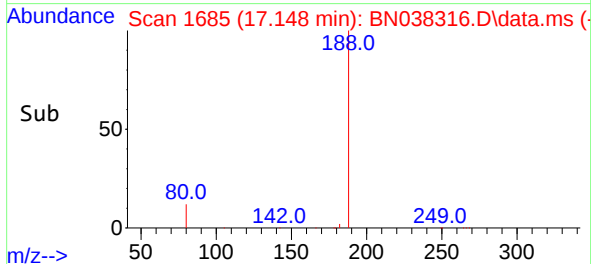
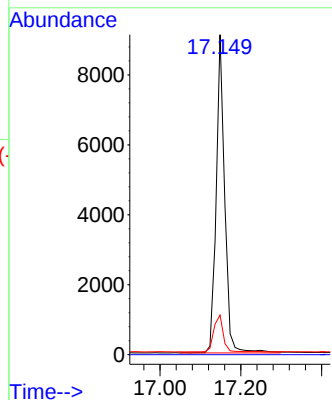
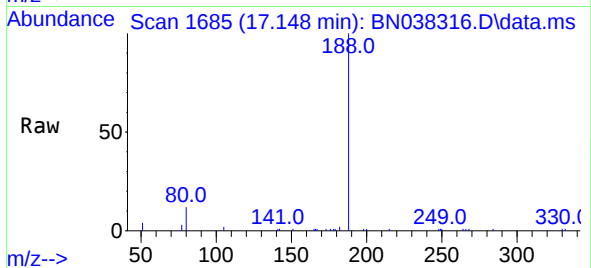
Tgt Ion:188 Resp: 13319

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 12.4 7.4 11.0#



#25

Phenanthrene

Concen: 0.076 ng

RT: 17.186 min Scan# 1688

Delta R.T. 0.000 min

Lab File: BN038316.D

Acq: 11 Dec 2025 14:14

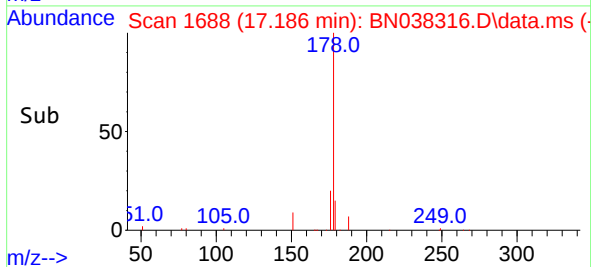
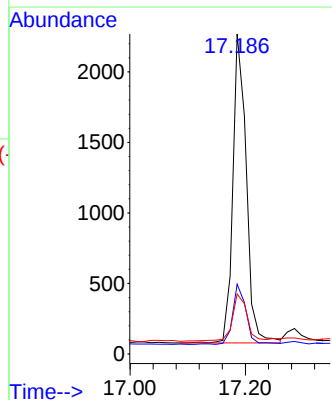
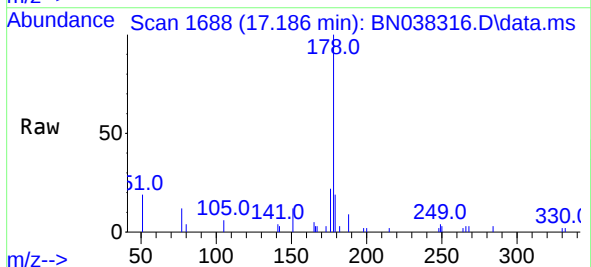
Tgt Ion:178 Resp: 3533

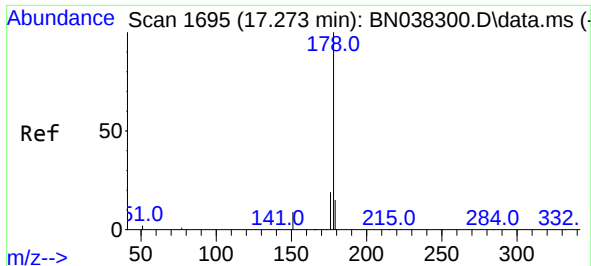
Ion Ratio Lower Upper

178 100

176 19.5 15.5 23.3

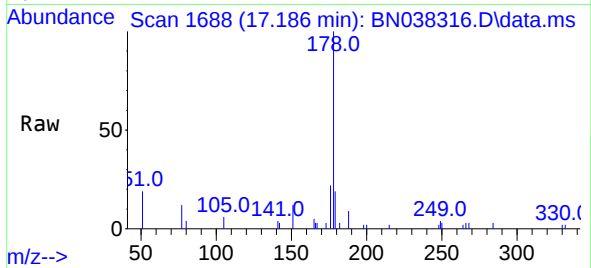
179 16.9 12.2 18.2



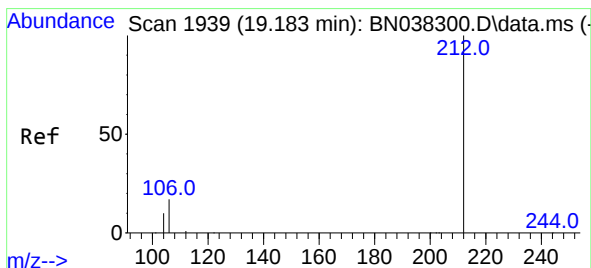
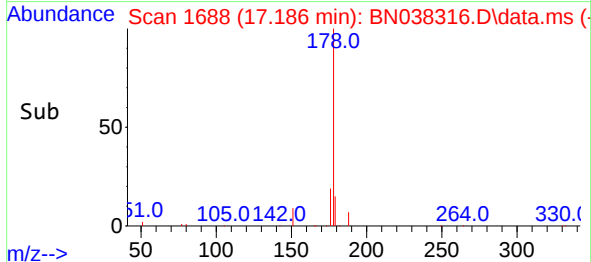
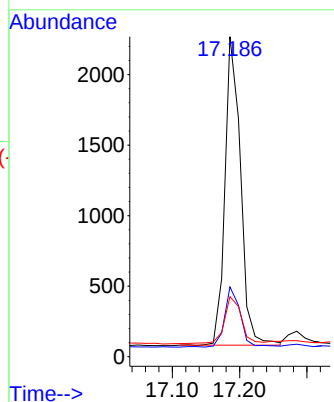


#26  
Anthracene  
Concen: 0.087 ng  
RT: 17.186 min Scan# 1688  
Delta R.T. -0.099 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

Instrument :  
BNA\_N  
ClientSampleId :  
OW-05B-72-120325

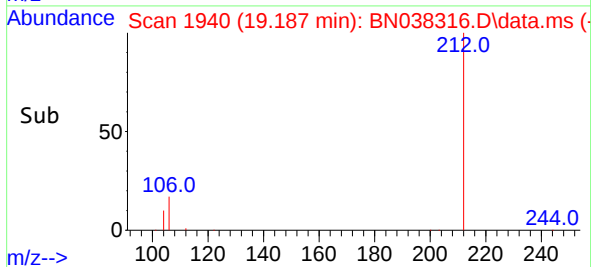
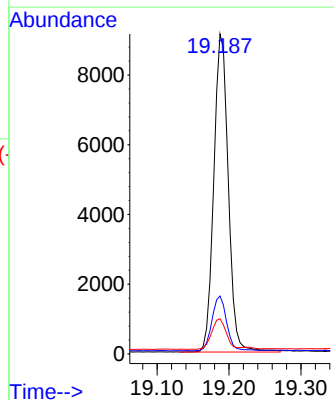
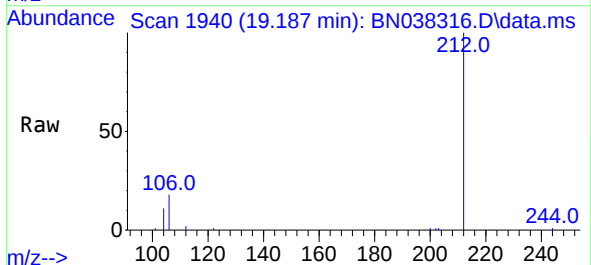


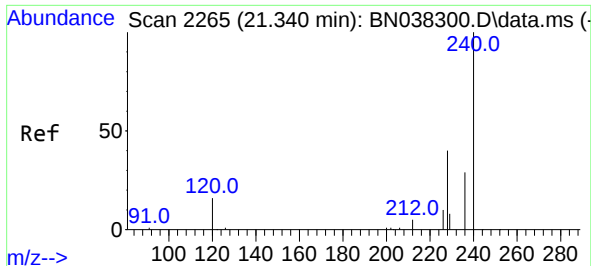
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 178   | Resp: | 3494  |
| Ion      | Ratio | Lower | Upper |
| 178      | 100   |       |       |
| 176      | 19.7  | 15.1  | 22.7  |
| 179      | 16.4  | 12.0  | 18.0  |



#27  
Fluoranthene-d10  
Concen: 0.387 ng  
RT: 19.187 min Scan# 1940  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 212   | Resp: | 12740 |
| Ion      | Ratio | Lower | Upper |
| 212      | 100   |       |       |
| 106      | 17.4  | 13.7  | 20.5  |
| 104      | 9.6   | 7.8   | 11.8  |

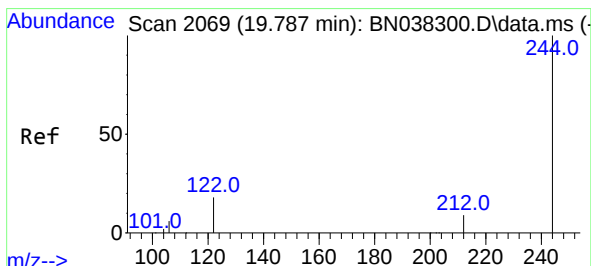
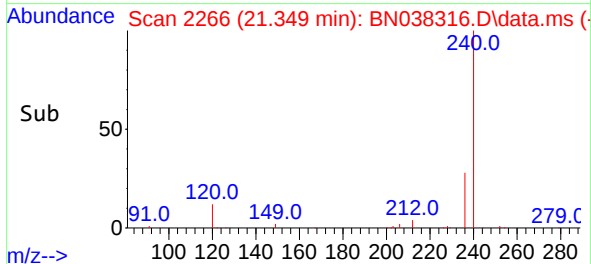
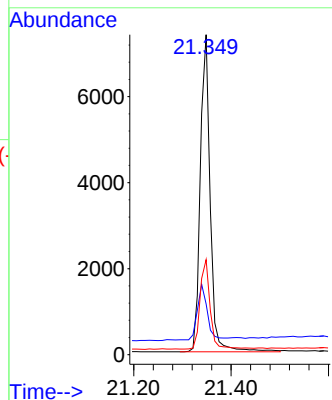
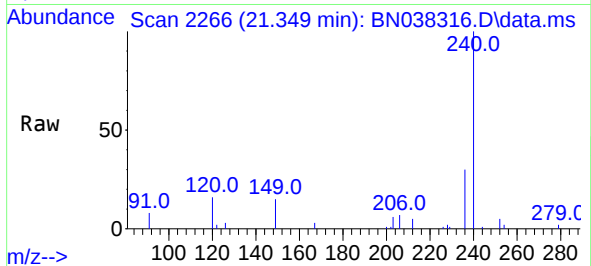




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.349 min Scan# 21  
Delta R.T. 0.009 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

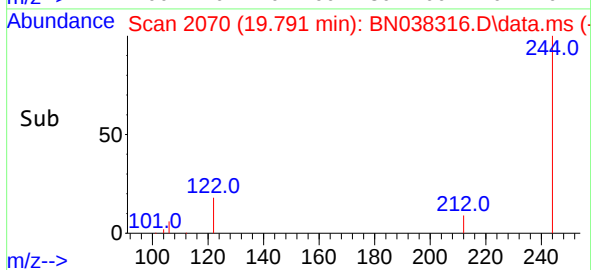
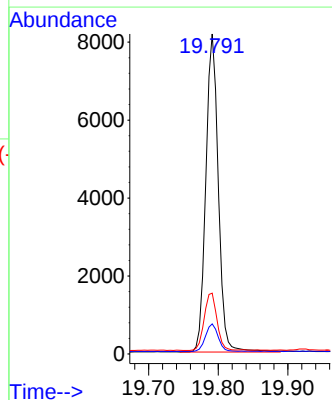
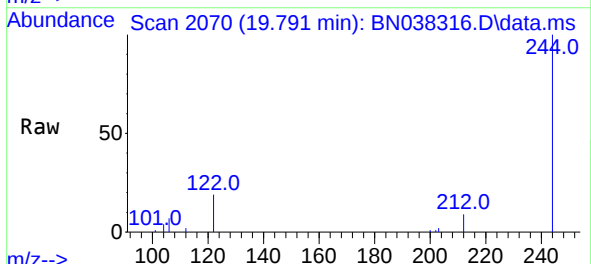
Instrument :  
BNA\_N  
ClientSampleId :  
OW-05B-72-120325

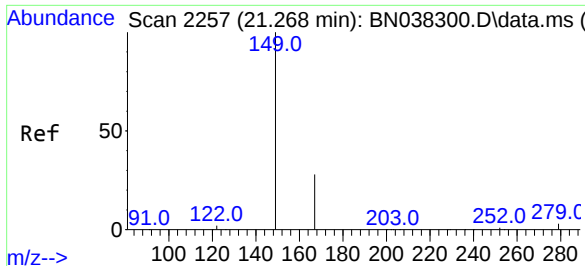
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 240   | Resp: | 10405 |
| Ion Ratio | Lower | Upper |       |
| 240       | 100   |       |       |
| 120       | 15.9  | 15.4  | 23.2  |
| 236       | 29.7  | 23.9  | 35.9  |



#31  
Terphenyl-d14  
Concen: 0.437 ng  
RT: 19.791 min Scan# 2070  
Delta R.T. 0.000 min  
Lab File: BN038316.D  
Acq: 11 Dec 2025 14:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 244   | Resp: | 10158 |
| Ion Ratio | Lower | Upper |       |
| 244       | 100   |       |       |
| 212       | 9.4   | 7.9   | 11.9  |
| 122       | 19.0  | 15.0  | 22.6  |

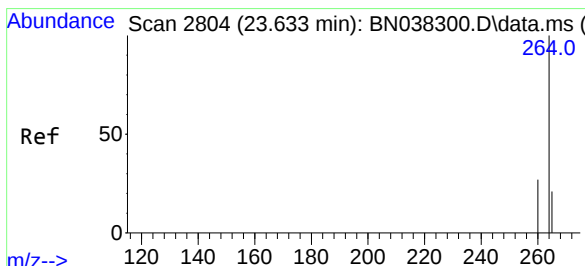
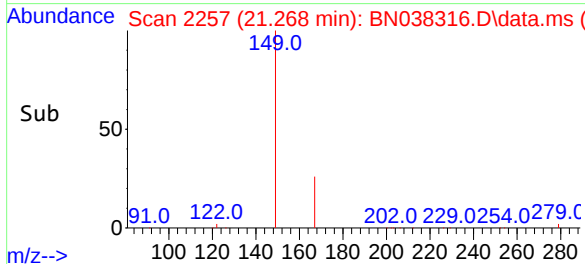
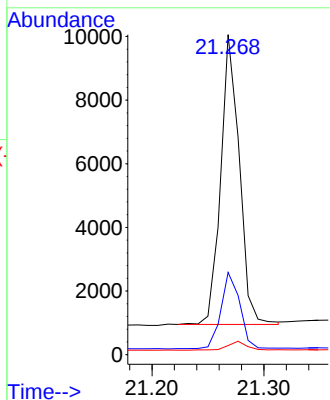
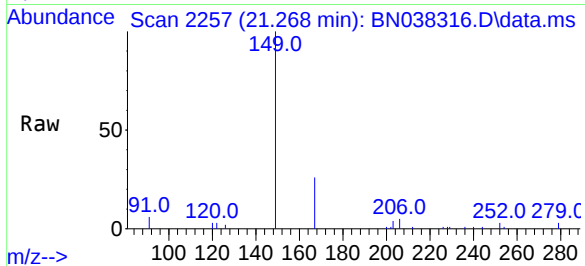




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.477 ng  
 RT: 21.268 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN038316.D  
 Acq: 11 Dec 2025 14:14

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OW-05B-72-120325

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 149   | Resp: | 10515 |
| Ion Ratio | Lower | Upper |       |
| 149       | 100   |       |       |
| 167       | 26.8  | 21.4  | 32.0  |
| 279       | 3.4   | 2.4   | 3.6   |



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.639 min Scan# 2806  
 Delta R.T. 0.006 min  
 Lab File: BN038316.D  
 Acq: 11 Dec 2025 14:14

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 264   | Resp: | 10487 |
| Ion Ratio | Lower | Upper |       |
| 264       | 100   |       |       |
| 260       | 27.9  | 22.2  | 33.2  |
| 265       | 110.7 | 80.2  | 120.2 |

