

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113023\  
 Data File : BN028925.D  
 Acq On : 01 Dec 2023 00:35  
 Operator : MA/JU  
 Sample : 05350-03  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 TT15811-20231107

Quant Time: Dec 01 01:45:00 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 00:28:34 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.804  | 152  | 3674     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.594 | 136  | 9545     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.428 | 164  | 5198     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.171 | 188  | 10863    | 0.400 | ng    | -0.01    |
| 29) Chrysene-d12            | 21.374 | 240  | 6838     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 23.702 | 264  | 6246     | 0.400 | ng    | #-0.01   |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.435  | 112  | 1605     | 0.144 | ng    | -0.01    |
| 5) Phenol-d6                | 7.038  | 99   | 895      | 0.073 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 8.982  | 82   | 2395     | 0.252 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.178 | 152  | 4680     | 0.306 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 15.930 | 330  | 1052     | 0.300 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.060 | 172  | 7787     | 0.347 | ng    | -0.01    |
| 27) Fluoranthene-d10        | 19.208 | 212  | 11249    | 0.394 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.817 | 244  | 9107     | 0.443 | ng    | 0.00     |

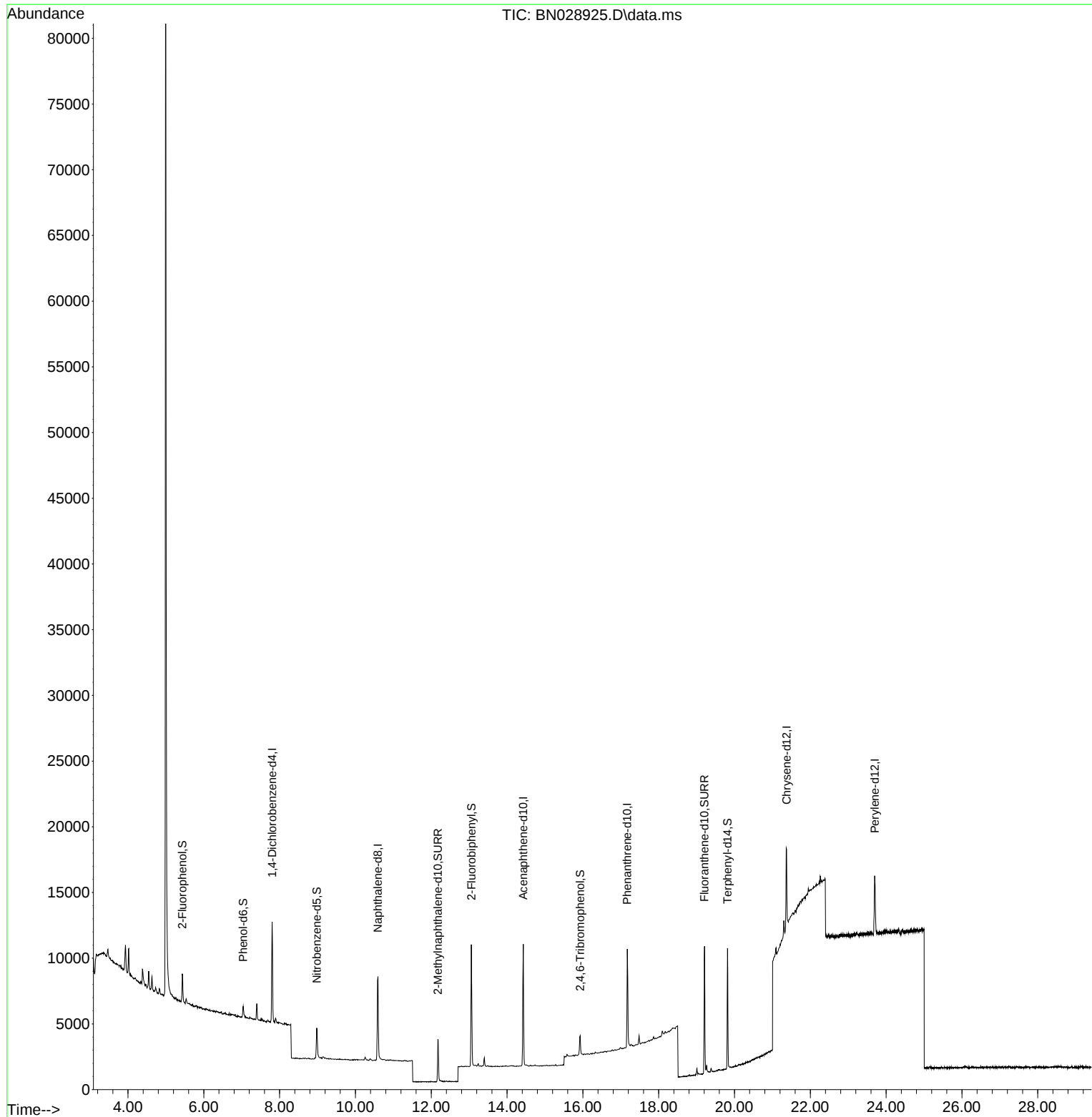
Target Compounds Qvalue

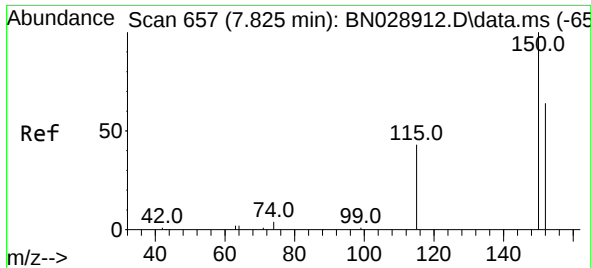
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN113023\  
Data File : BN028925.D  
Acq On : 01 Dec 2023 00:35  
Operator : MA/JU  
Sample : 05350-03  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20231107

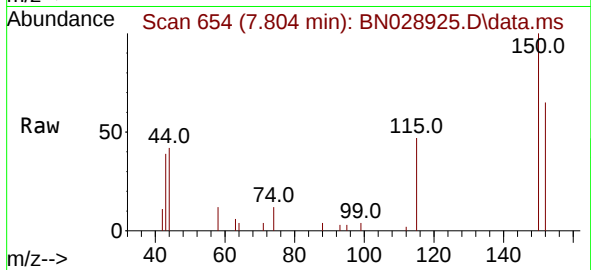
Quant Time: Dec 01 01:45:00 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 01 00:28:34 2023  
Response via : Initial Calibration





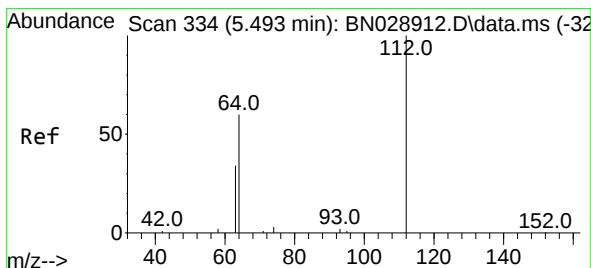
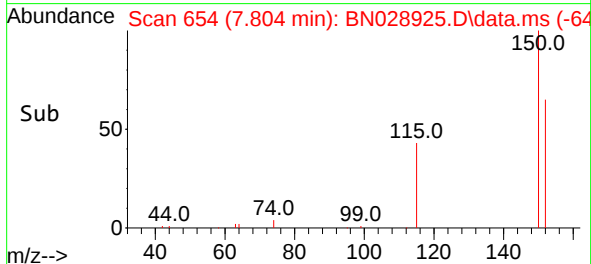
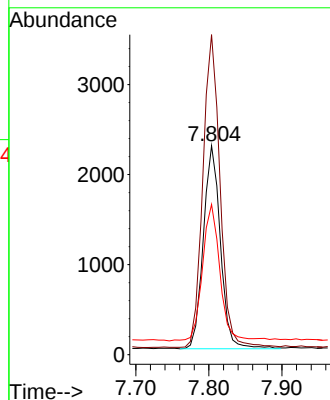
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.804 min Scan# 61  
Delta R.T. -0.007 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20231107



Tgt Ion:152 Resp: 3674

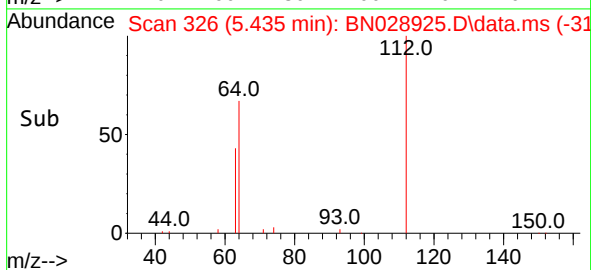
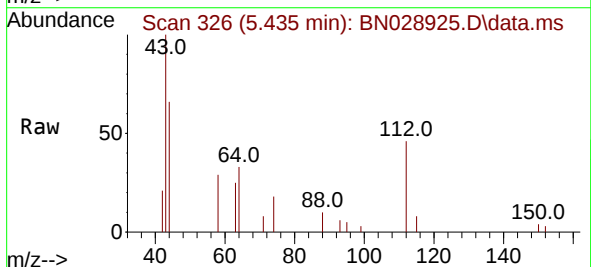
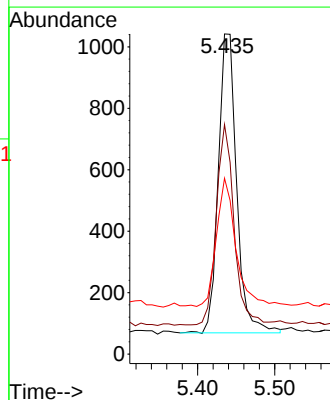
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 153.1 | 123.4 | 185.2 |
| 115 | 71.9  | 59.1  | 88.7  |

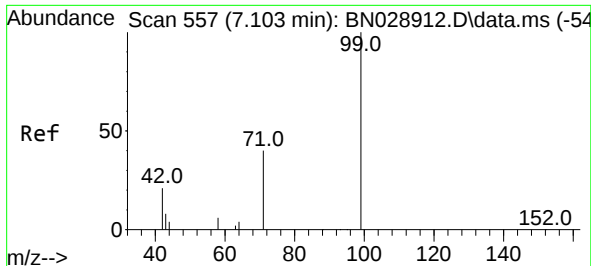


#4  
2-Fluorophenol  
Concen: 0.144 ng  
RT: 5.435 min Scan# 326  
Delta R.T. -0.015 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

Tgt Ion:112 Resp: 1605

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 64.9  | 51.5  | 77.3  |
| 63  | 44.9  | 30.4  | 45.6  |

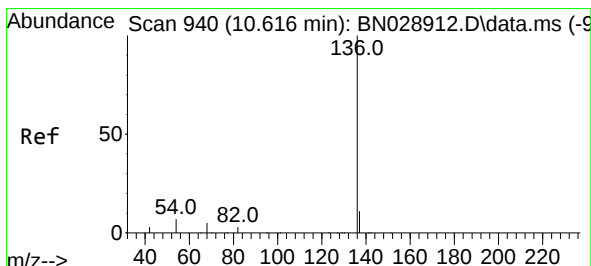
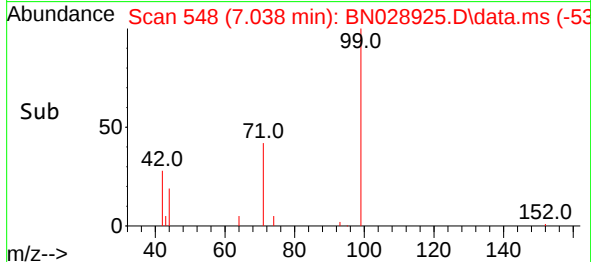
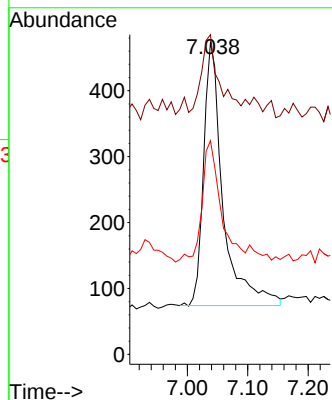
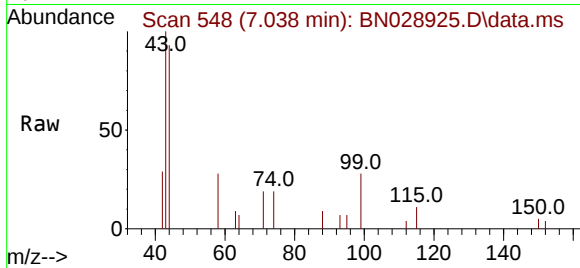




#5  
Phenol-d6  
Concen: 0.073 ng  
RT: 7.038 min Scan# 54  
Delta R.T. -0.007 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

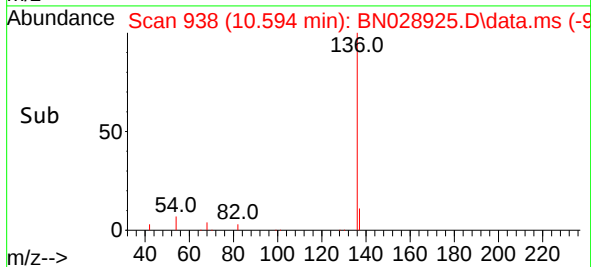
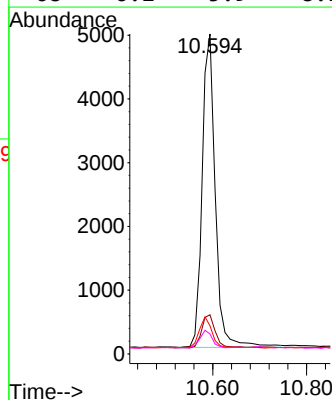
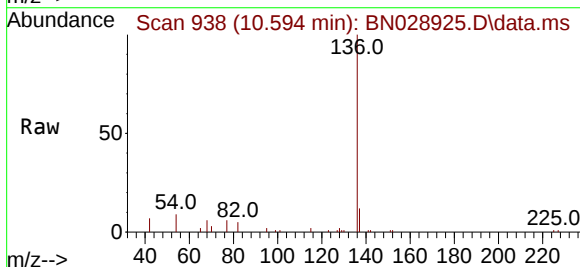
Instrument :  
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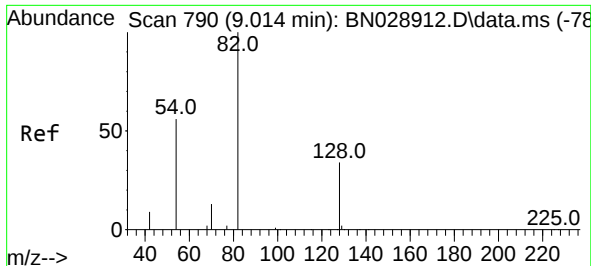
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 895   |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 26.1  | 21.2  | 31.8  |
| 71       | 44.5  | 35.4  | 53.0  |



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.594 min Scan# 938  
Delta R.T. -0.000 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9545  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 10.6  | 16.0  |
| 54       | 8.8   | 7.5   | 11.3  |
| 68       | 6.2   | 5.9   | 8.9   |

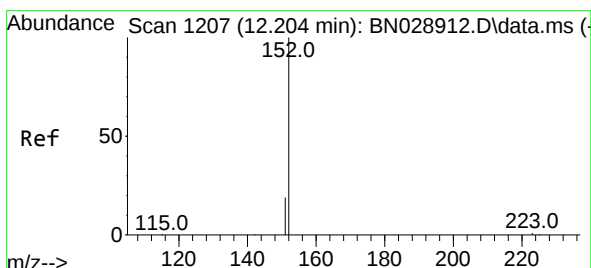
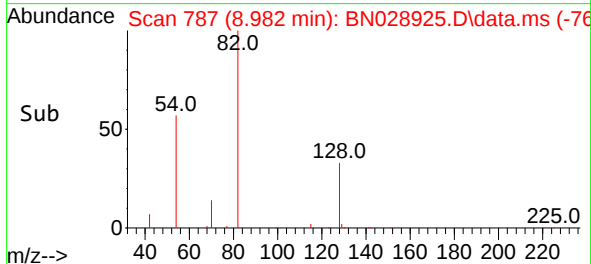
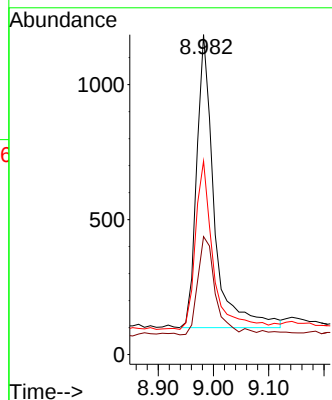
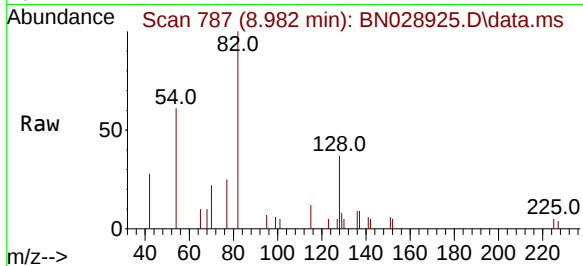




#8  
Nitrobenzene-d5  
Concen: 0.252 ng  
RT: 8.982 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

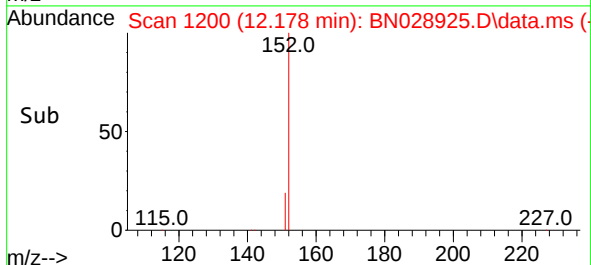
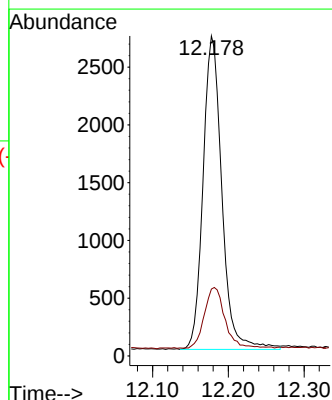
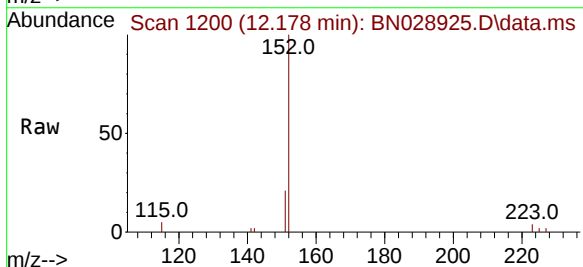
Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20231107

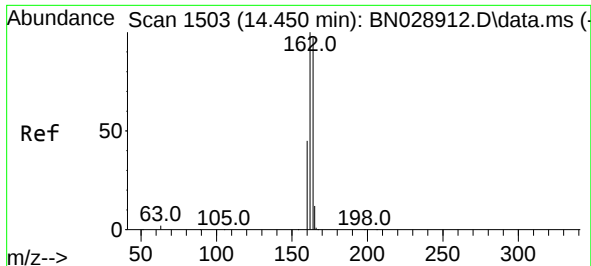
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2395 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.9  | 29.2  | 43.8 |
| 54        | 60.5  | 47.0  | 70.6 |



#11  
2-Methylnaphthalene-d10  
Concen: 0.306 ng  
RT: 12.178 min Scan# 1200  
Delta R.T. -0.008 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 152   | Resp: | 4680 |
| Ion Ratio | Lower | Upper |      |
| 152       | 100   |       |      |
| 151       | 21.0  | 16.7  | 25.1 |

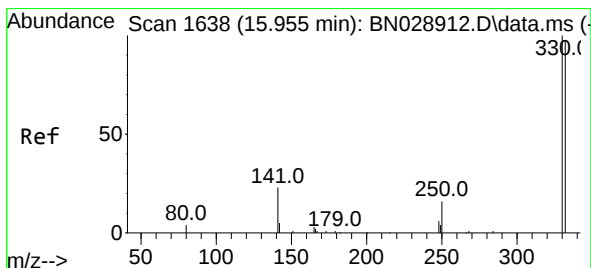
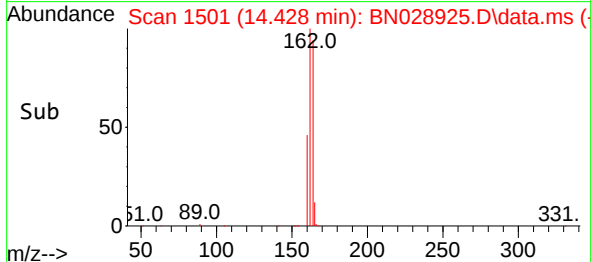
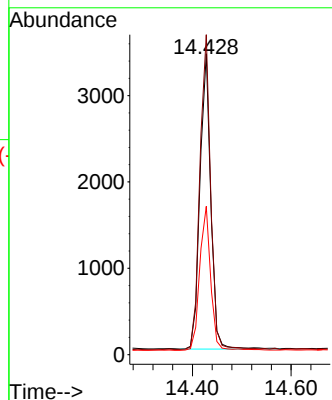
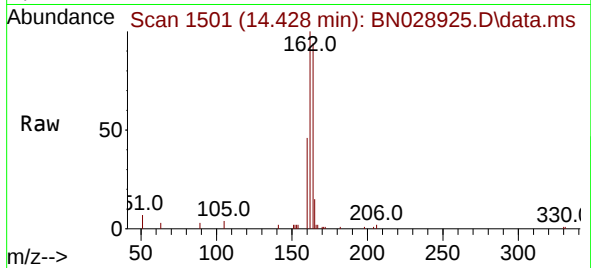




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.428 min Scan# 1501  
Delta R.T. -0.000 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

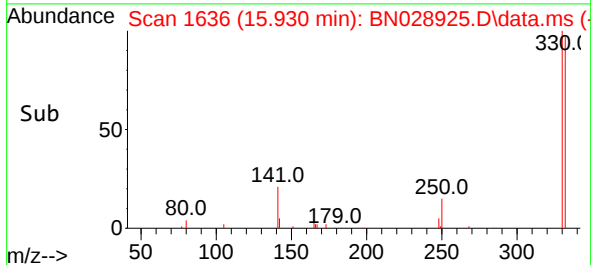
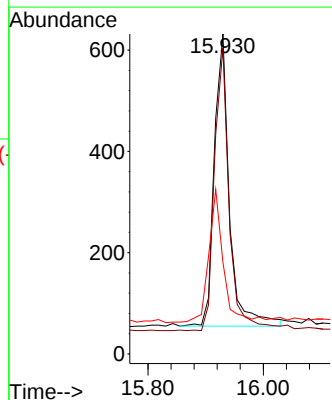
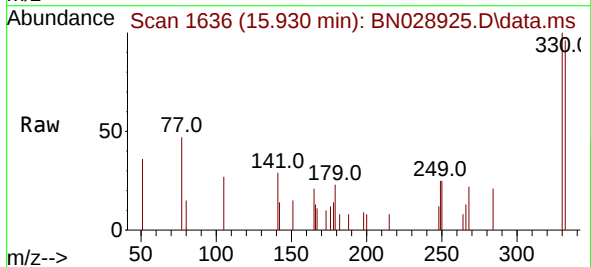
Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20231107

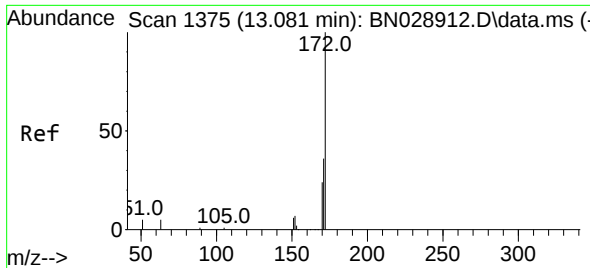
Tgt Ion:164 Resp: 5198  
Ion Ratio Lower Upper  
164 100  
162 106.3 81.7 122.5  
160 49.3 37.0 55.6



#14  
2,4,6-Tribromophenol  
Concen: 0.300 ng  
RT: 15.930 min Scan# 1636  
Delta R.T. -0.000 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

Tgt Ion:330 Resp: 1052  
Ion Ratio Lower Upper  
330 100  
332 94.3 75.4 113.2  
141 43.4 35.7 53.5

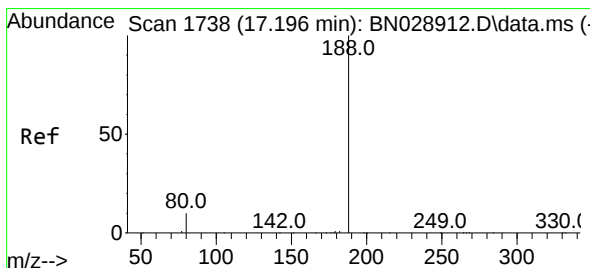
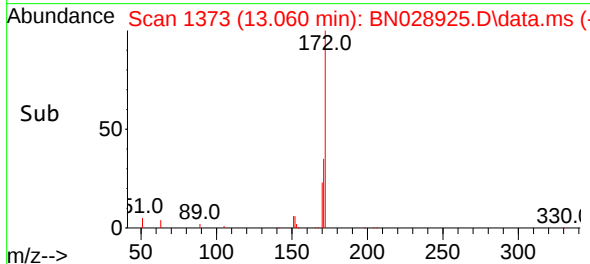
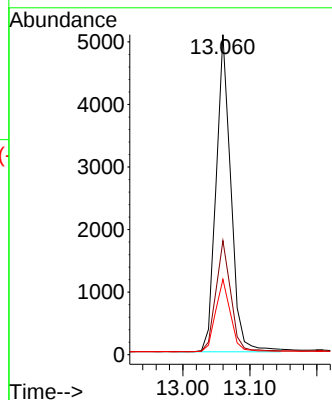
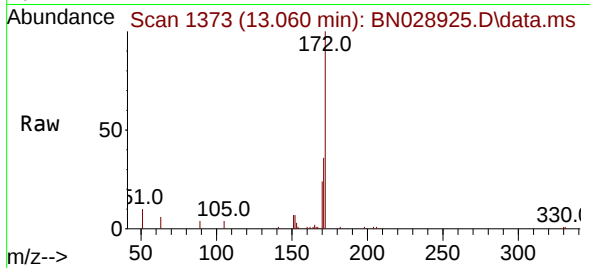




#15  
2-Fluorobiphenyl  
Concen: 0.347 ng  
RT: 13.060 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

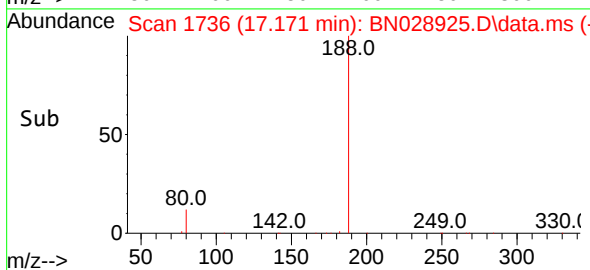
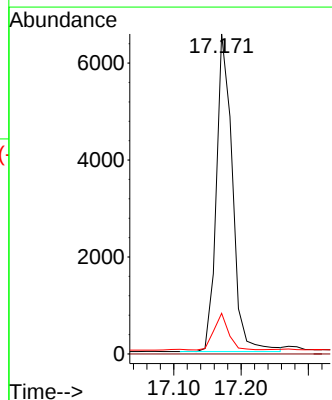
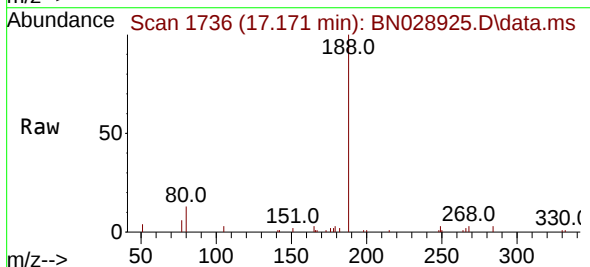
Instrument :  
BNA\_N  
ClientSampleId :  
TT15811-20231107

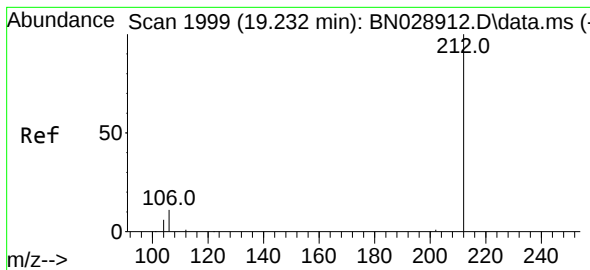
Tgt Ion:172 Resp: 7787  
Ion Ratio Lower Upper  
172 100  
171 35.7 29.0 43.4  
170 23.5 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.171 min Scan# 1736  
Delta R.T. -0.013 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

Tgt Ion:188 Resp: 10863  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 12.7 9.0 13.6





#27

Fluoranthene-d10

Concen: 0.394 ng

RT: 19.208 min Scan# 1994

Delta R.T. -0.005 min

Lab File: BN028925.D

Acq: 01 Dec 2023 00:35

Instrument :

BNA\_N

ClientSampleId :

TT15811-20231107

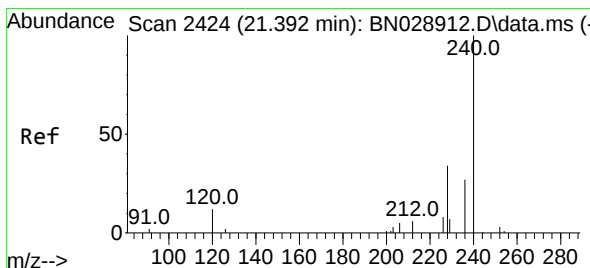
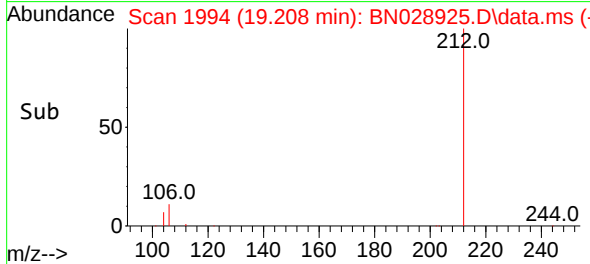
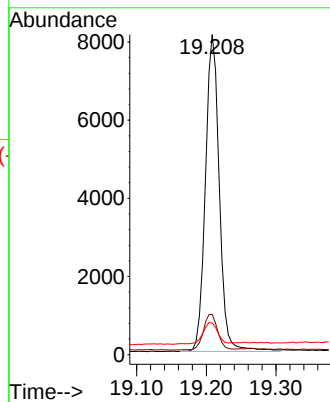
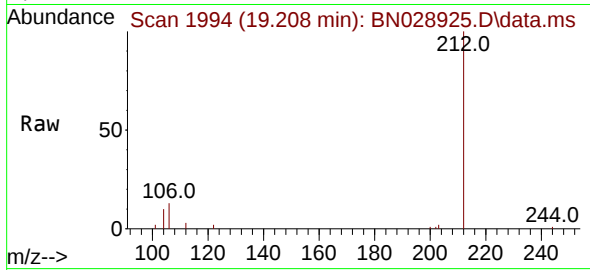
Tgt Ion:212 Resp: 11249

Ion Ratio Lower Upper

212 100

106 11.8 9.4 14.2

104 7.4 6.2 9.2



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.374 min Scan# 2422

Delta R.T. -0.000 min

Lab File: BN028925.D

Acq: 01 Dec 2023 00:35

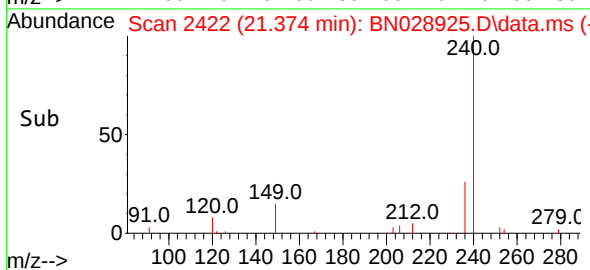
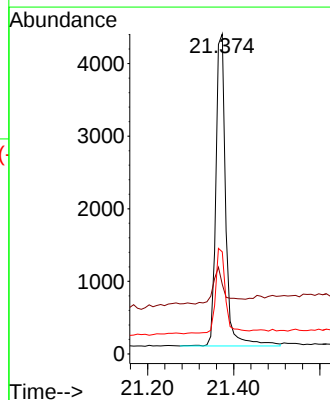
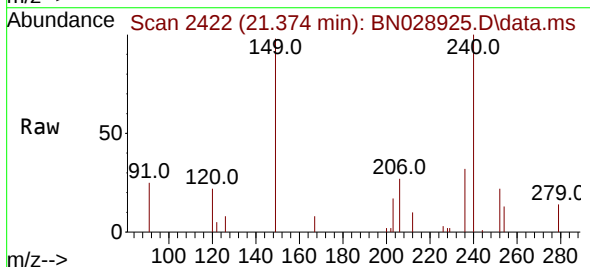
Tgt Ion:240 Resp: 6838

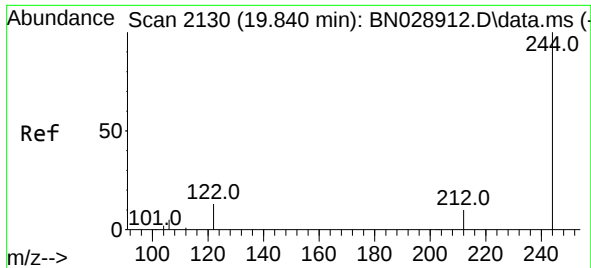
Ion Ratio Lower Upper

240 100

120 21.8 37.1 55.7#

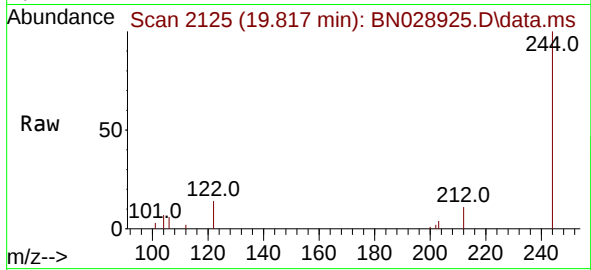
236 31.9 32.4 48.6#



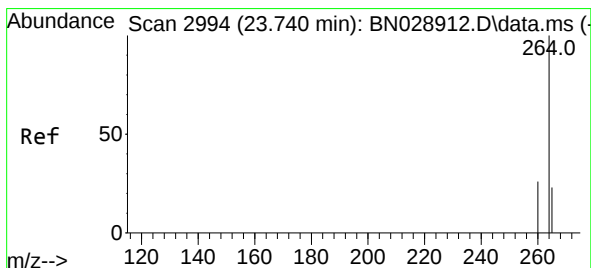
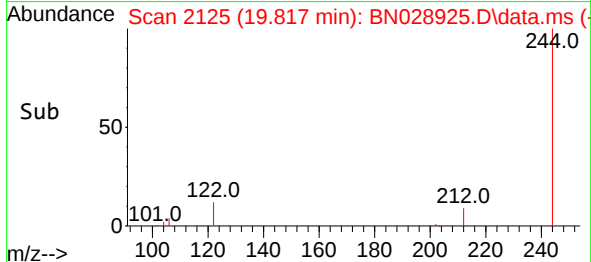
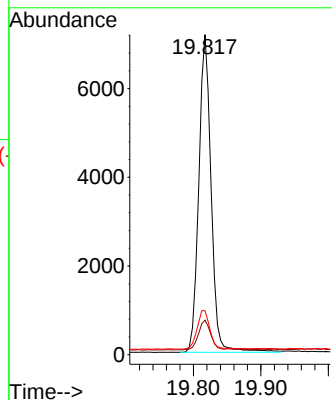


#31  
Terphenyl-d14  
Concen: 0.443 ng  
RT: 19.817 min Scan# 2125  
Delta R.T. -0.005 min  
Lab File: BN028925.D  
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Tgt Ion:244 Resp: 9107  
Ion Ratio Lower Upper  
244 100  
212 10.8 11.5 17.3#  
122 13.7 13.2 19.8



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.702 min Scan# 2981  
Delta R.T. -0.012 min  
Lab File: BN028925.D  
Acq: 01 Dec 2023 00:35

Tgt Ion:264 Resp: 6246  
Ion Ratio Lower Upper  
264 100  
260 24.4 20.6 30.8  
265 224.4 464.5 696.7#

