

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062823\  
 Data File : BN026051.D  
 Acq On : 28 Jun 2023 10:18  
 Operator : MA/JU  
 Sample : PB153778BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB153778BL

Quant Time: Jun 29 00:10:30 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 28 05:23:31 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.976  | 152  | 5805     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.793 | 136  | 15837    | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10        | 14.609 | 164  | 9836     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.369 | 188  | 19841    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.551 | 240  | 11354    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 24.016 | 264  | 8500     | 0.400 | ng    | # 0.00   |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.528  | 112  | 4966     | 0.353 | ng    | 0.00     |
| 5) Phenol-d6                | 7.153  | 99   | 4726     | 0.263 | ng    | 0.01     |
| 8) Nitrobenzene-d5          | 9.159  | 82   | 3792     | 0.280 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.385 | 152  | 7504     | 0.324 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 16.115 | 330  | 977      | 0.273 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.240 | 172  | 10354    | 0.273 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.388 | 212  | 15690    | 0.373 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.978 | 244  | 10717    | 0.369 | ng    | 0.00     |

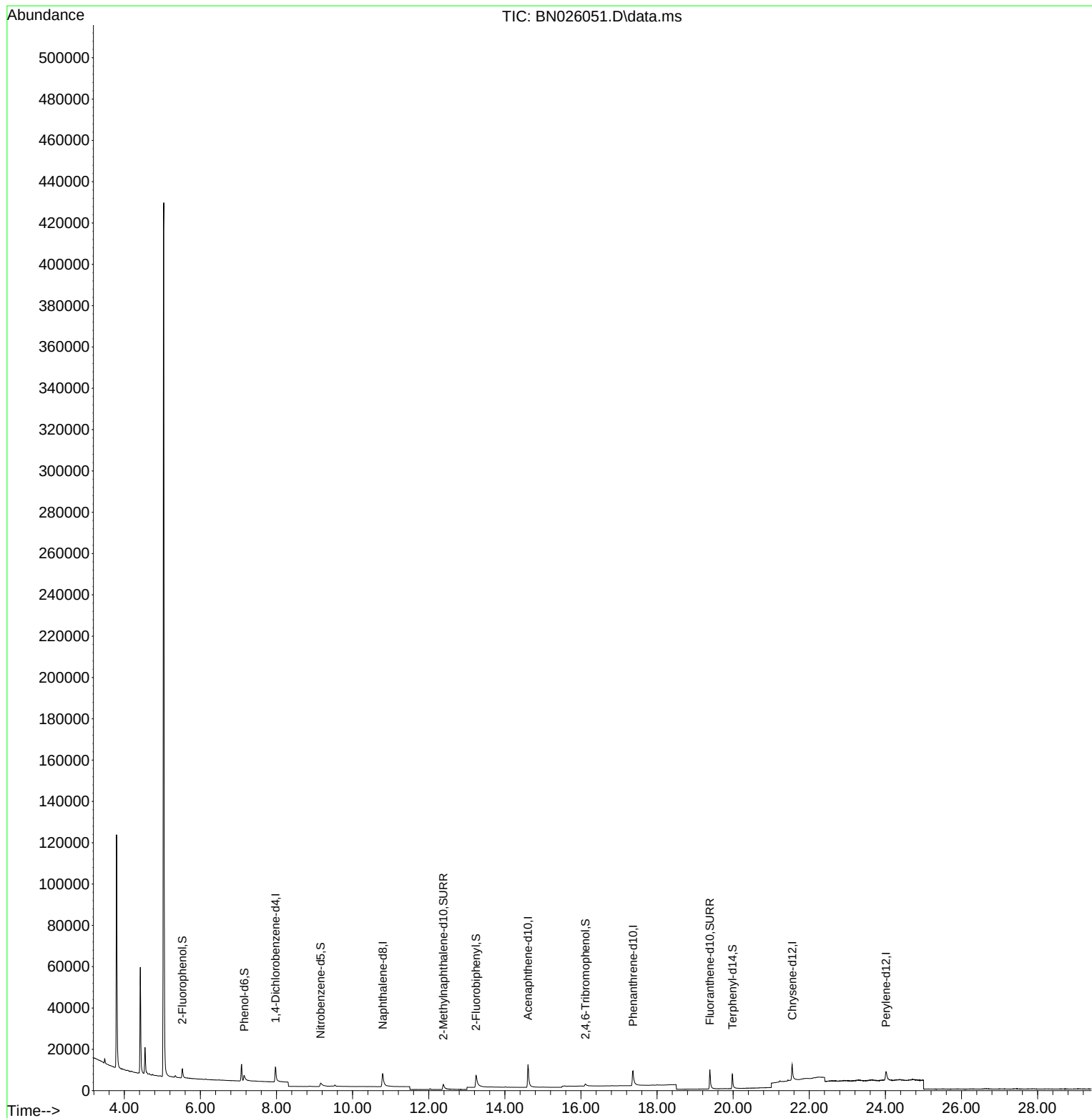
Target Compounds Qvalue

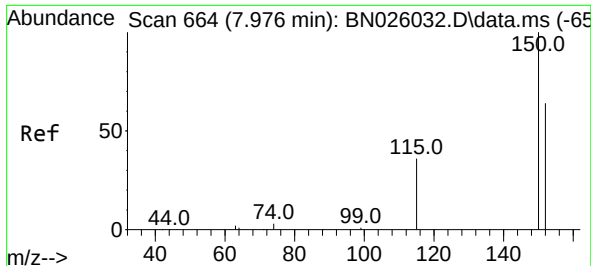
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062823\  
Data File : BN026051.D  
Acq On : 28 Jun 2023 10:18  
Operator : MA/JU  
Sample : PB153778BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB153778BL

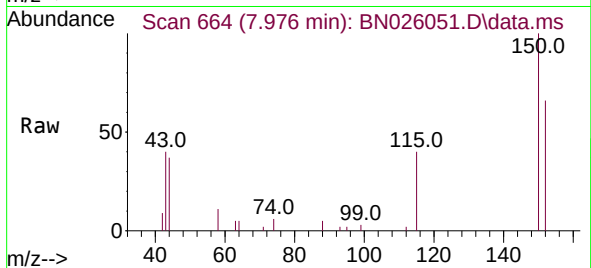
Quant Time: Jun 29 00:10:30 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jun 28 05:23:31 2023  
Response via : Initial Calibration



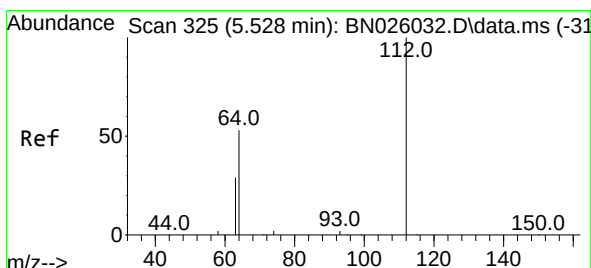
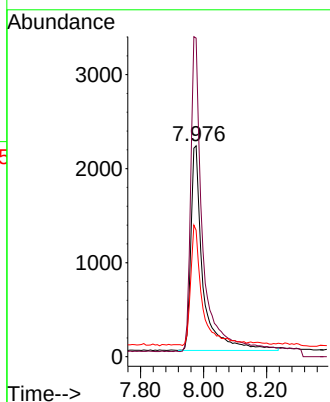
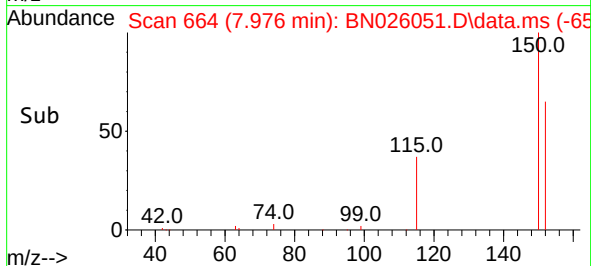


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.976 min Scan# 664  
Delta R.T. 0.000 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

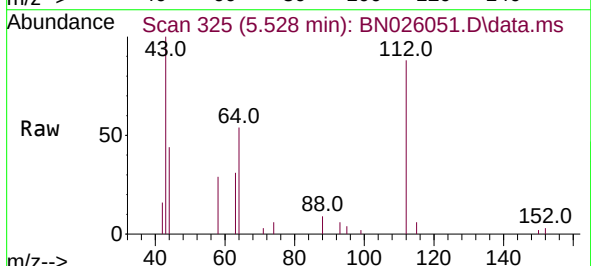
Instrument :  
BNA\_N  
ClientSampleId :  
PB153778BL



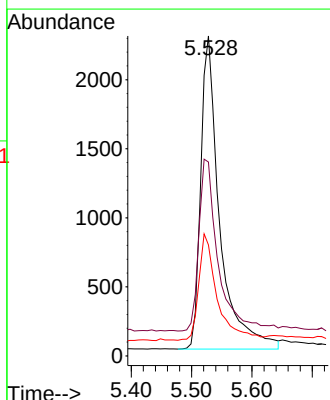
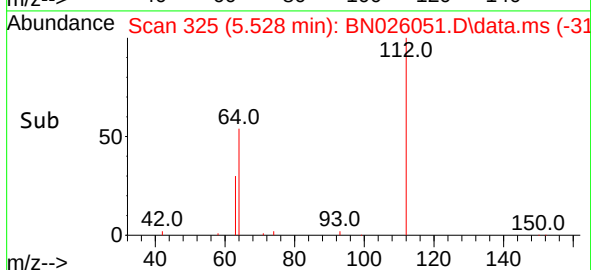
Tgt Ion:152 Resp: 5805  
Ion Ratio Lower Upper  
152 100  
150 151.0 124.7 187.1  
115 59.9 48.2 72.4

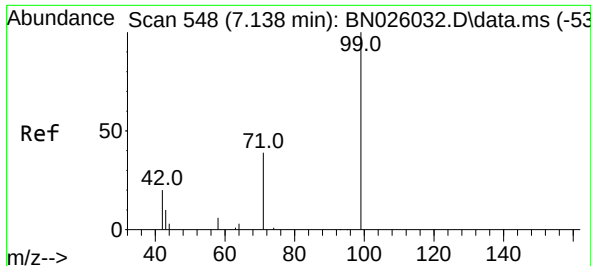


#4  
2-Fluorophenol  
Concen: 0.353 ng  
RT: 5.528 min Scan# 325  
Delta R.T. 0.000 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18



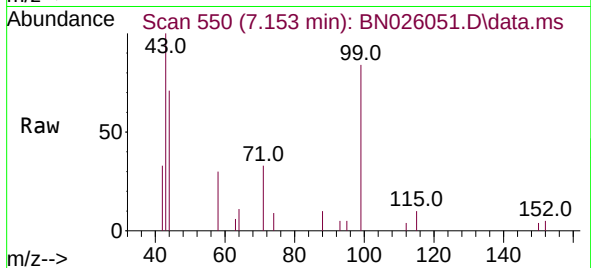
Tgt Ion:112 Resp: 4966  
Ion Ratio Lower Upper  
112 100  
64 56.0 45.8 68.6  
63 32.8 27.4 41.2



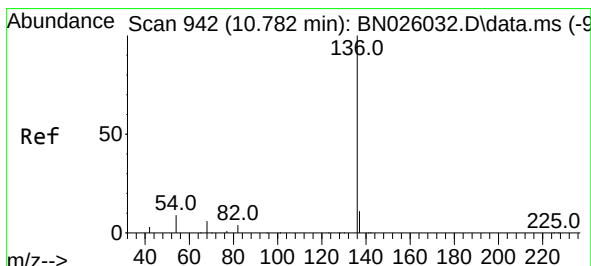
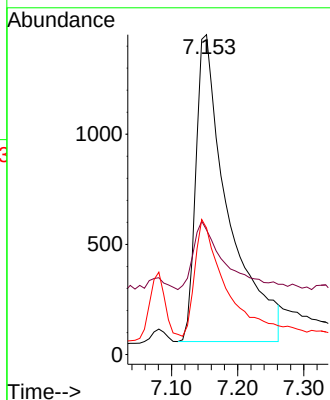
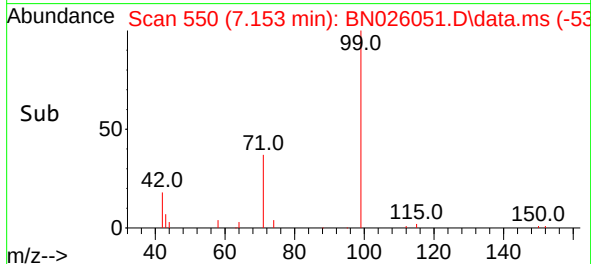


#5  
Phenol-d6  
Concen: 0.263 ng  
RT: 7.153 min Scan# 51  
Delta R.T. 0.015 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

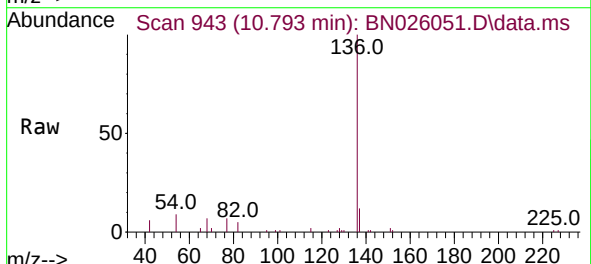
Instrument :  
BNA\_N  
ClientSampleId :  
PB153778BL



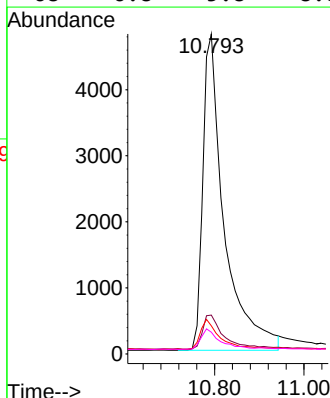
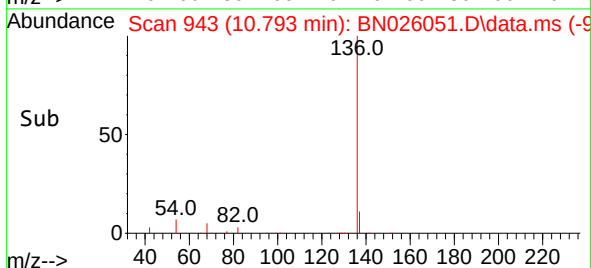
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 4726  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.2  | 18.4  | 27.6  |
| 71       | 36.2  | 30.6  | 46.0  |

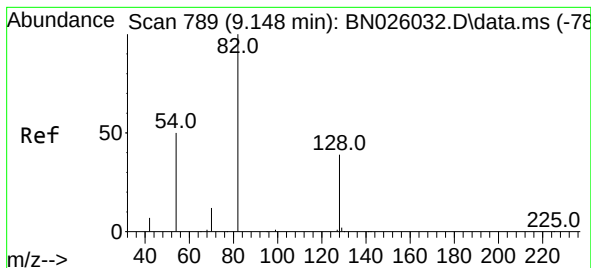


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.793 min Scan# 943  
Delta R.T. 0.011 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 15837 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.2  | 9.0   | 13.4  |
| 54       | 8.8   | 7.8   | 11.6  |
| 68       | 6.8   | 5.8   | 8.8   |





#8

Nitrobenzene-d5

Concen: 0.280 ng

RT: 9.159 min Scan# 71

Delta R.T. 0.011 min

Lab File: BN026051.D

Acq: 28 Jun 2023 10:18

Instrument :

BNA\_N

ClientSampleId :

PB153778BL

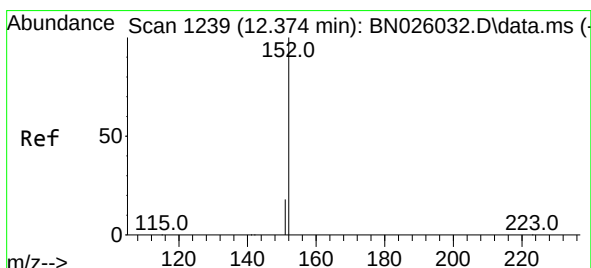
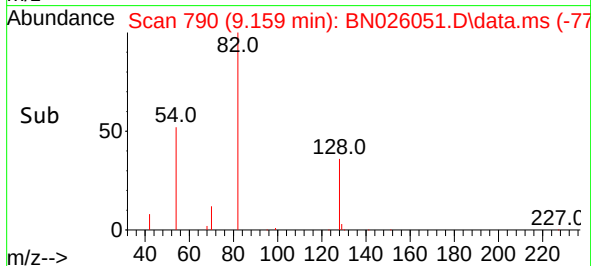
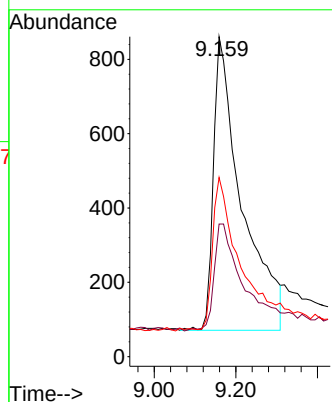
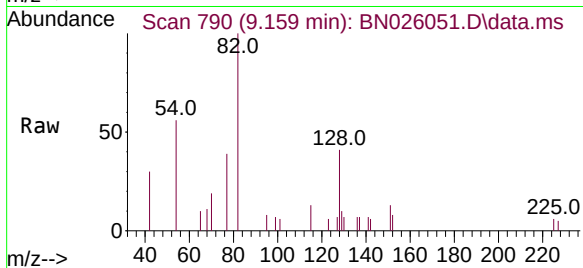
Tgt Ion: 82 Resp: 3792

Ion Ratio Lower Upper

82 100

128 41.5 33.4 50.2

54 56.0 41.7 62.5



#11

2-Methylnaphthalene-d10

Concen: 0.324 ng

RT: 12.385 min Scan# 1242

Delta R.T. 0.011 min

Lab File: BN026051.D

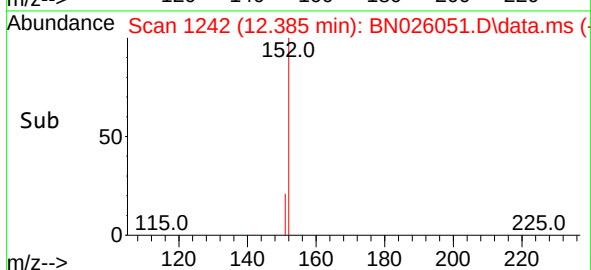
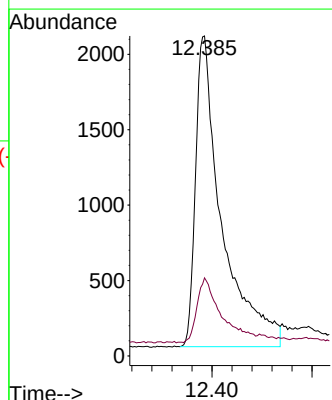
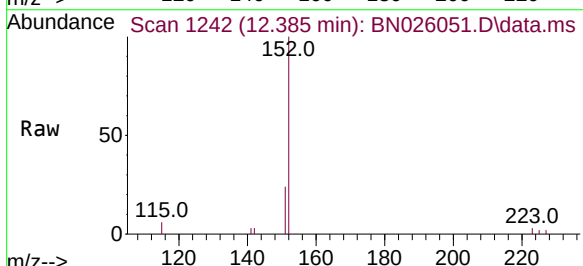
Acq: 28 Jun 2023 10:18

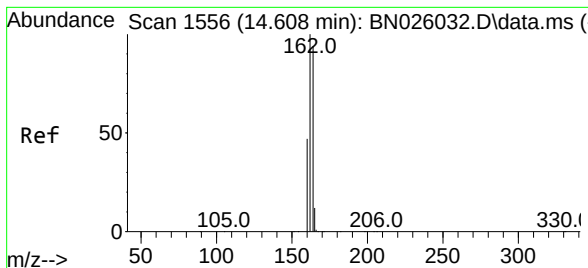
Tgt Ion: 152 Resp: 7504

Ion Ratio Lower Upper

152 100

151 18.9 16.2 24.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.609 min Scan# 1556

Delta R.T. 0.000 min

Lab File: BN026051.D

Acq: 28 Jun 2023 10:18

Instrument :

BNA\_N

ClientSampleId :

PB153778BL

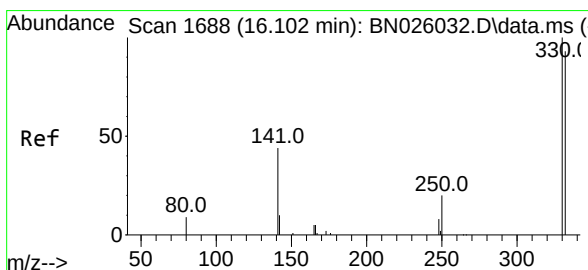
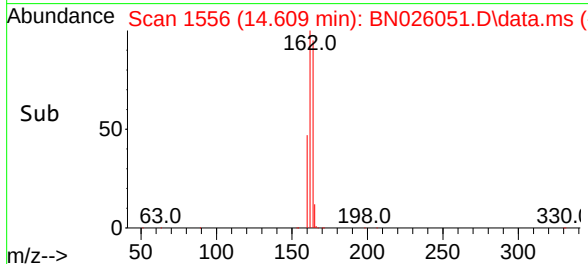
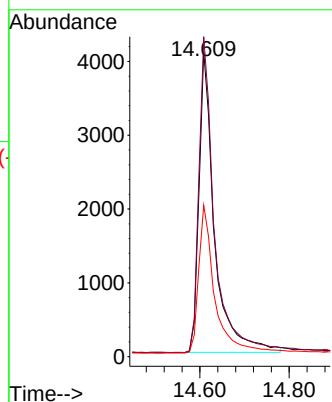
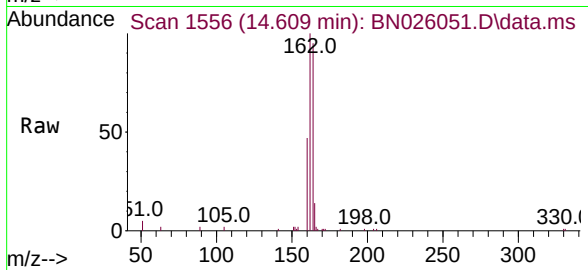
Tgt Ion:164 Resp: 9836

Ion Ratio Lower Upper

164 100

162 104.9 85.3 127.9

160 49.6 40.0 60.0



#14

2,4,6-Tribromophenol

Concen: 0.273 ng

RT: 16.115 min Scan# 1689

Delta R.T. 0.013 min

Lab File: BN026051.D

Acq: 28 Jun 2023 10:18

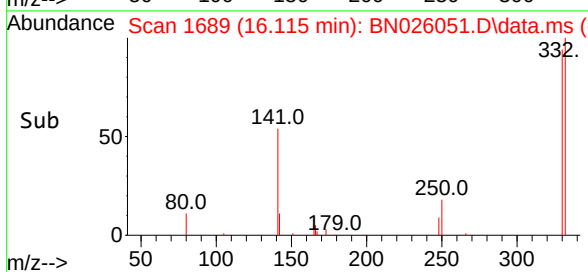
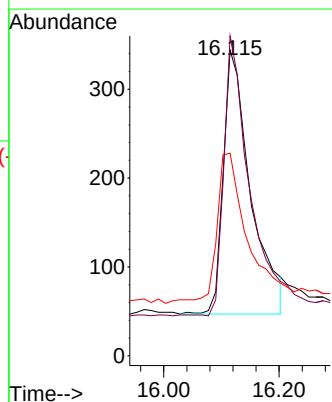
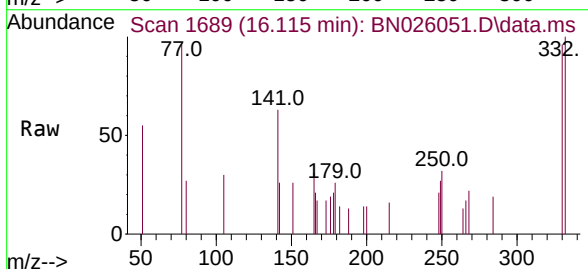
Tgt Ion:330 Resp: 977

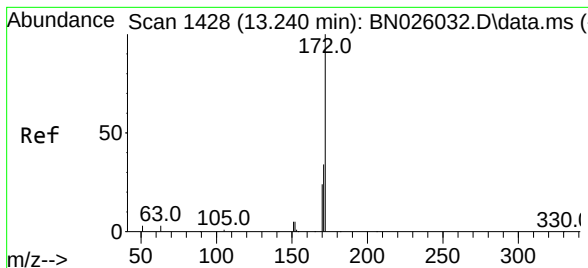
Ion Ratio Lower Upper

330 100

332 98.5 76.0 114.0

141 58.4 42.8 64.2

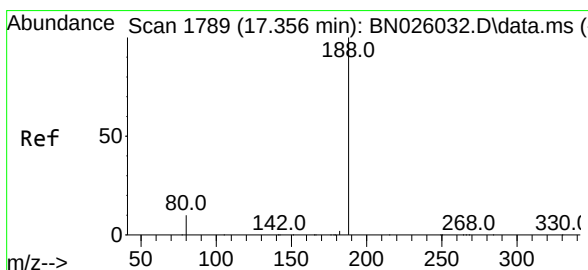
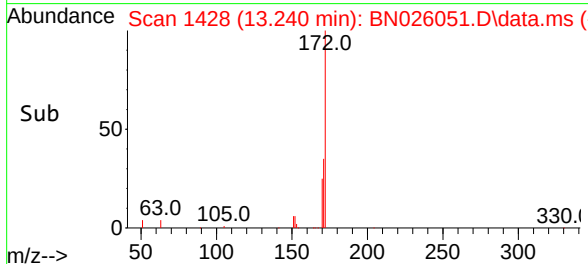
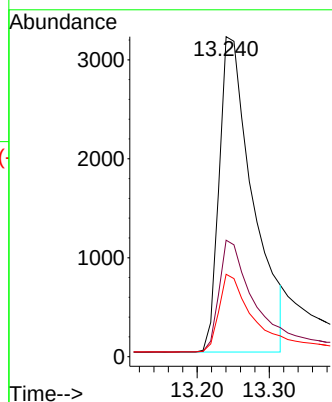
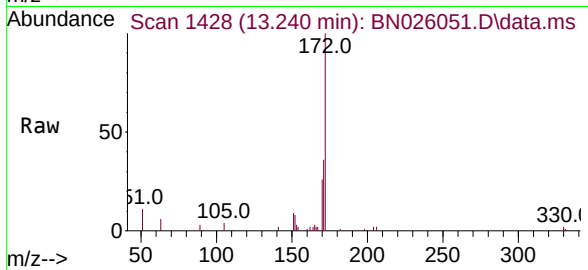




#15  
2-Fluorobiphenyl  
Concen: 0.273 ng  
RT: 13.240 min Scan# 1428  
Delta R.T. 0.000 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

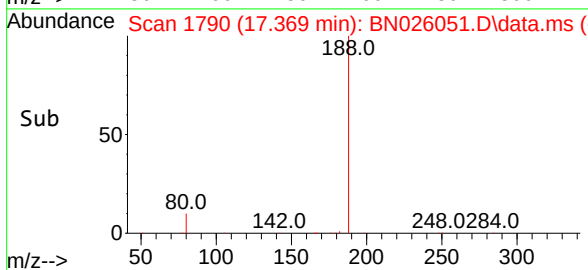
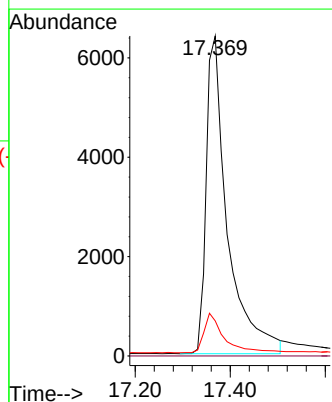
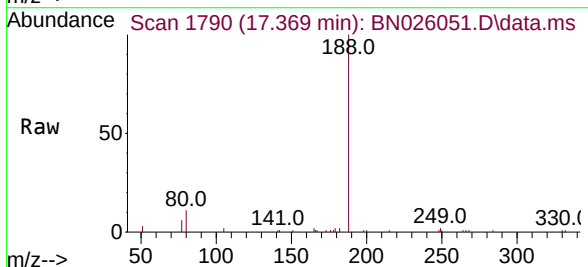
Instrument :  
BNA\_N  
ClientSampleId :  
PB153778BL

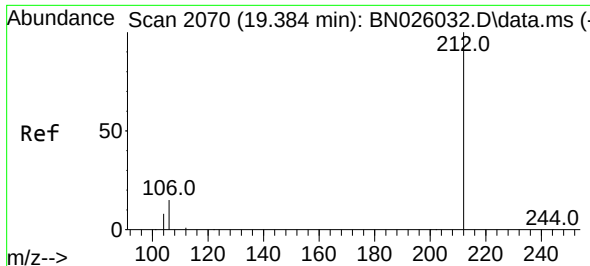
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 10354 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 36.4  | 27.8  | 41.8  |
| 170      | 25.8  | 19.3  | 28.9  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.369 min Scan# 1790  
Delta R.T. 0.013 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 188   | Resp: | 19841 |
| Ion      | Ratio | Lower | Upper |
| 188      | 100   |       |       |
| 94       | 0.0   | 0.0   | 0.0   |
| 80       | 11.0  | 8.6   | 13.0  |

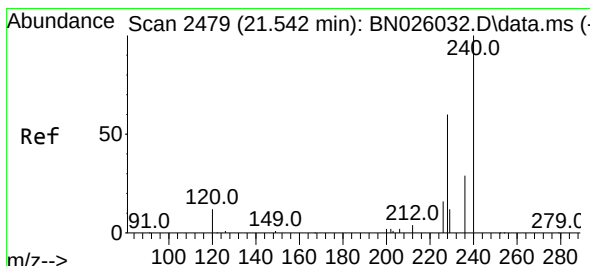
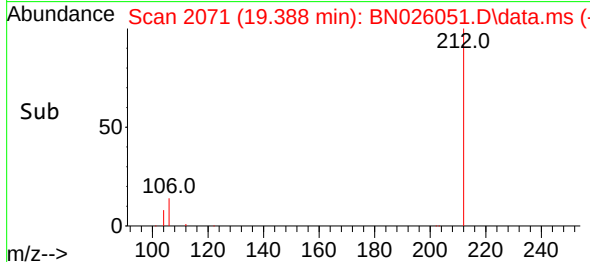
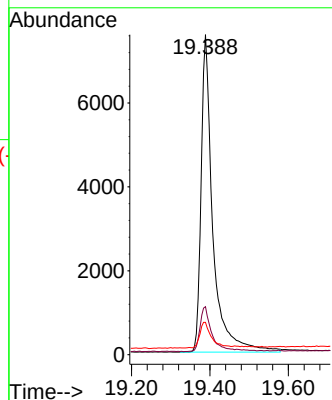
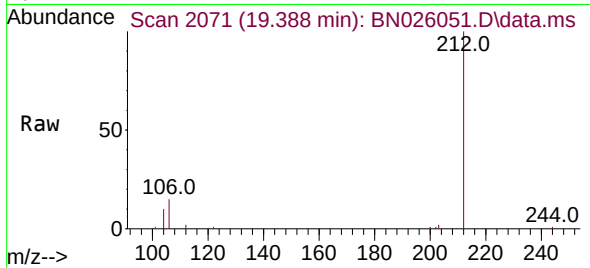




#27  
Fluoranthene-d10  
Concen: 0.373 ng  
RT: 19.388 min Scan# 2071  
Delta R.T. 0.005 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

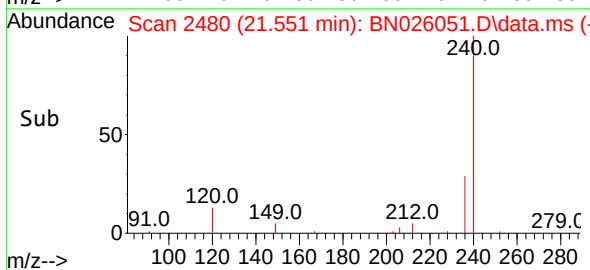
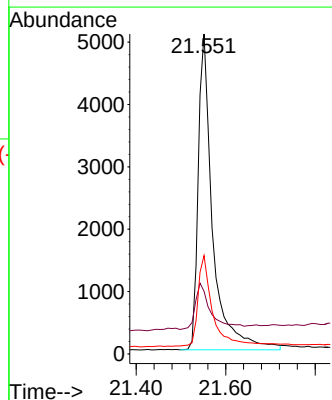
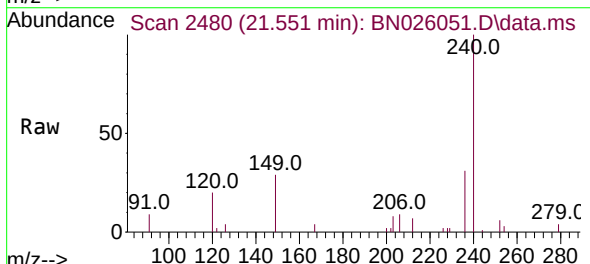
Instrument :  
BNA\_N  
ClientSampleId :  
PB153778BL

Tgt Ion:212 Resp: 15690  
Ion Ratio Lower Upper  
212 100  
106 13.8 11.6 17.4  
104 8.0 7.2 10.8

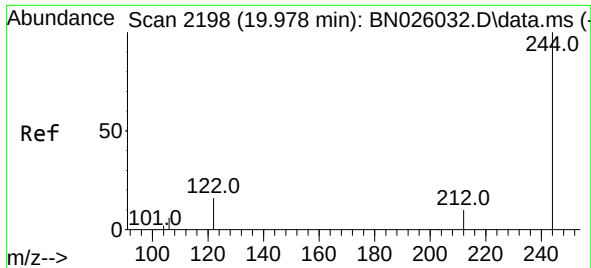


#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.551 min Scan# 2480  
Delta R.T. 0.009 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

Tgt Ion:240 Resp: 11354  
Ion Ratio Lower Upper  
240 100  
120 19.6 14.6 22.0  
236 30.7 24.2 36.2



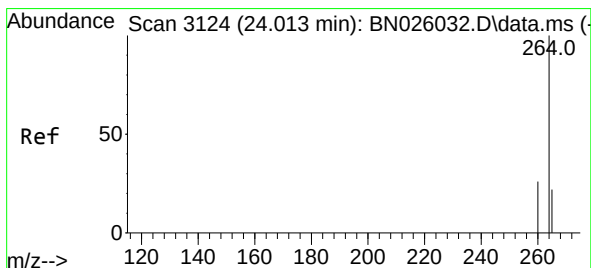
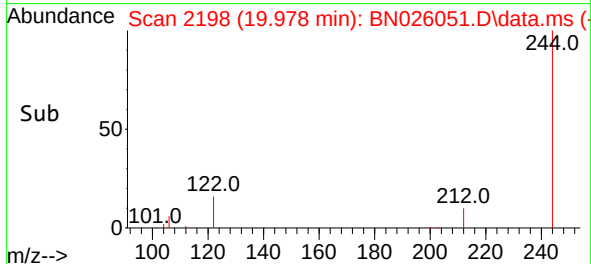
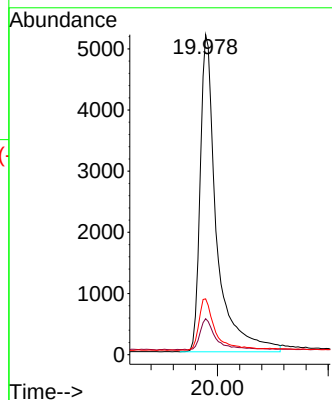
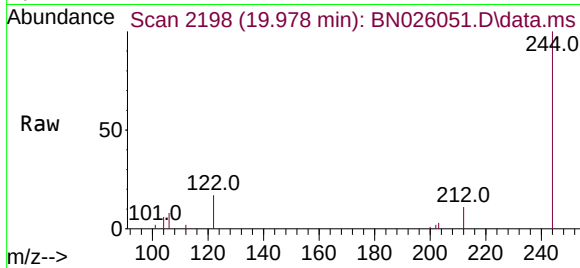




#31  
Terphenyl-d14  
Concen: 0.369 ng  
RT: 19.978 min Scan# 2198  
Delta R.T. 0.000 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

Instrument :  
BNA\_N  
ClientSampleId :  
PB153778BL

Tgt Ion:244 Resp: 10717  
Ion Ratio Lower Upper  
244 100  
212 11.3 8.7 13.1  
122 17.4 13.7 20.5



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.016 min Scan# 3125  
Delta R.T. 0.003 min  
Lab File: BN026051.D  
Acq: 28 Jun 2023 10:18

Tgt Ion:264 Resp: 8500  
Ion Ratio Lower Upper  
264 100  
260 28.4 21.9 32.9  
265 125.3 80.3 120.5#

