

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052323\  
 Data File : BN025569.D  
 Acq On : 23 May 2023 11:11  
 Operator : CG/JU  
 Sample : PB152463BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB152463BL

Quant Time: May 24 03:47:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052223.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 23 03:22:57 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.070  | 152  | 4396     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.889 | 136  | 12322    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10        | 14.694 | 164  | 6560     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10        | 17.435 | 188  | 14632    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12            | 21.616 | 240  | 9394     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12            | 24.120 | 264  | 8713     | 0.400 | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.607  | 112  | 4190     | 0.370 | ng    | 0.00     |
| 5) Phenol-d6                | 7.210  | 99   | 5002     | 0.351 | ng    | 0.00     |
| 8) Nitrobenzene-d5          | 9.234  | 82   | 3804     | 0.335 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10 | 12.464 | 152  | 6734     | 0.372 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol    | 16.181 | 330  | 752      | 0.274 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl        | 13.326 | 172  | 9807     | 0.345 | ng    | 0.00     |
| 27) Fluoranthene-d10        | 19.456 | 212  | 12585    | 0.363 | ng    | 0.00     |
| 31) Terphenyl-d14           | 20.049 | 244  | 6930     | 0.356 | ng    | 0.00     |

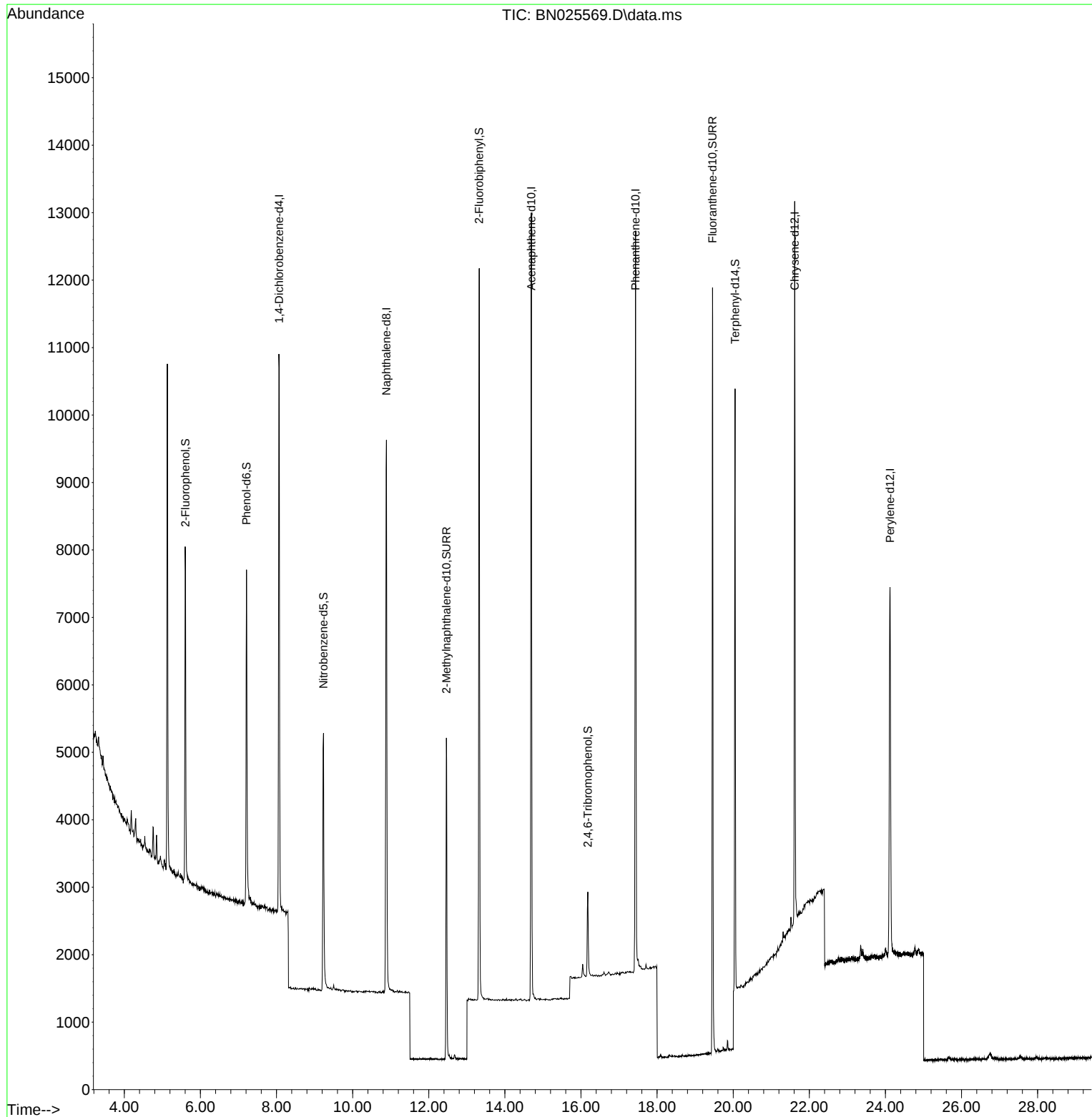
Target Compounds Qvalue

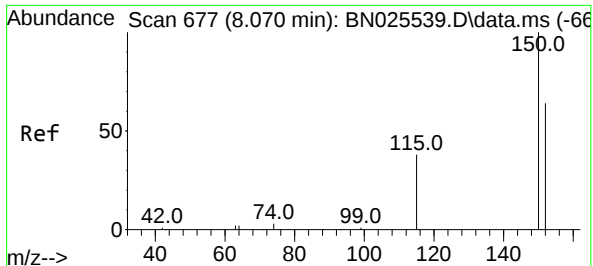
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN052323\  
Data File : BN025569.D  
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Operator : CG/JU  
Sample : PB152463BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_N  
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PB152463BL

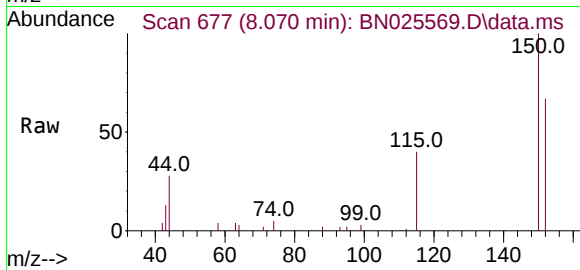
Quant Time: May 24 03:47:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN052223.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue May 23 03:22:57 2023  
Response via : Initial Calibration



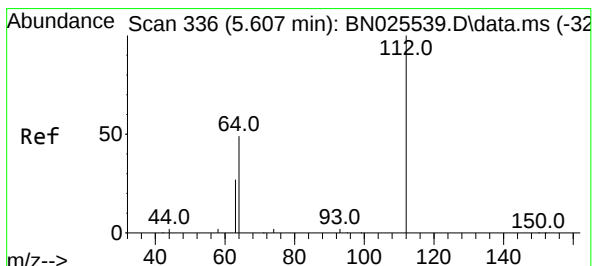
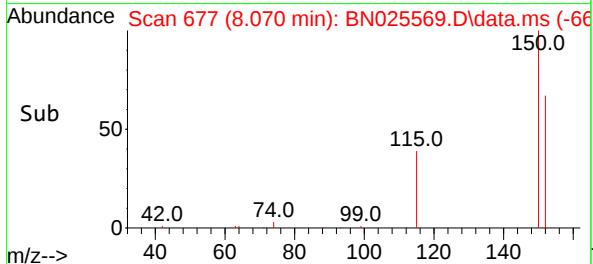
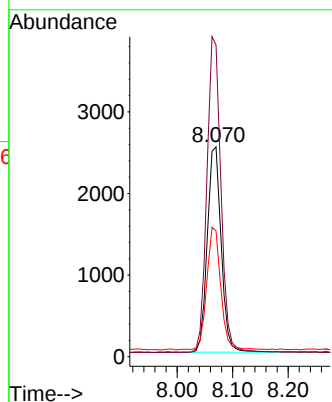


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 8.070 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

Instrument :  
BNA\_N  
ClientSampleId :  
PB152463BL

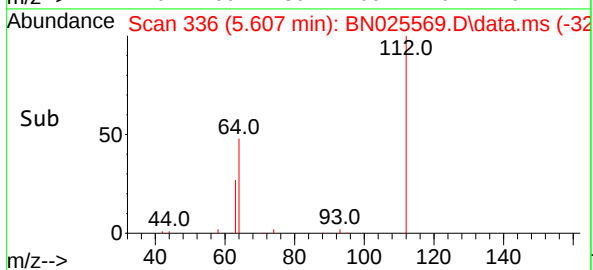
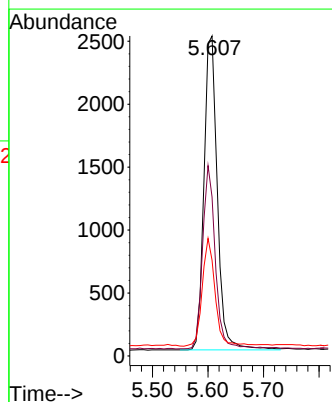
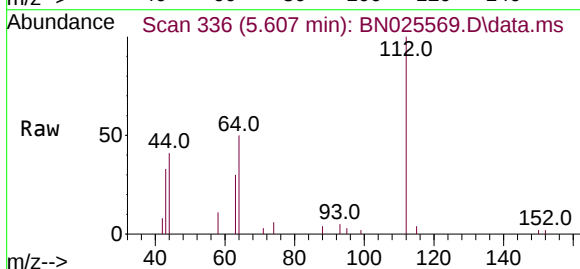


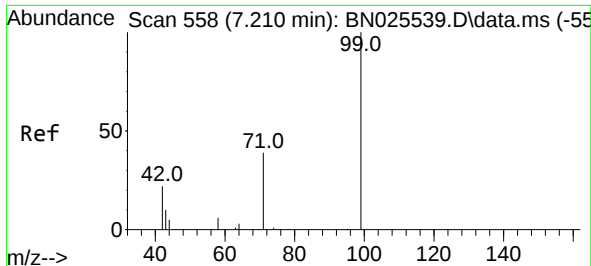
Tgt Ion:152 Resp: 4396  
Ion Ratio Lower Upper  
152 100  
150 148.6 124.6 187.0  
115 59.9 49.1 73.7



#4  
2-Fluorophenol  
Concen: 0.370 ng  
RT: 5.607 min Scan# 336  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

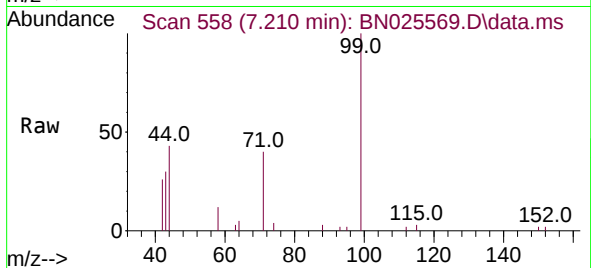
Tgt Ion:112 Resp: 4190  
Ion Ratio Lower Upper  
112 100  
64 55.4 44.2 66.4  
63 33.0 25.4 38.2



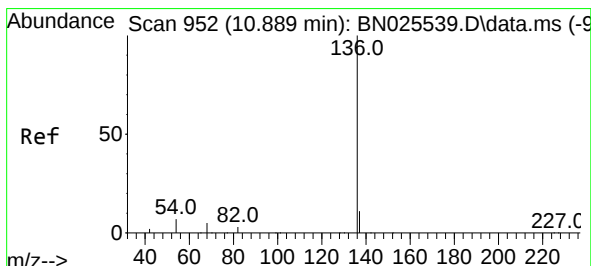
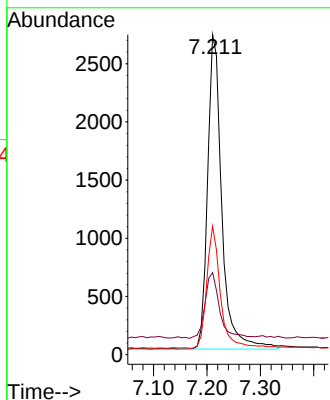
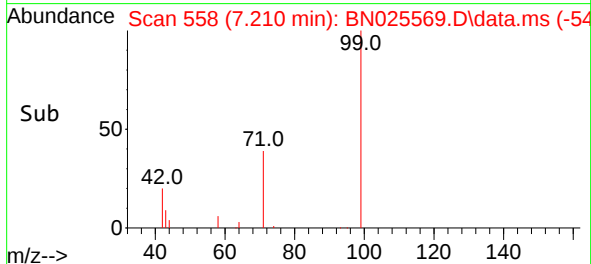


#5  
Phenol-d6  
Concen: 0.351 ng  
RT: 7.210 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

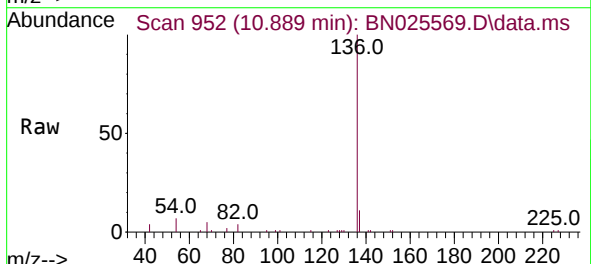
Instrument :  
BNA\_N  
ClientSampleId :  
PB152463BL



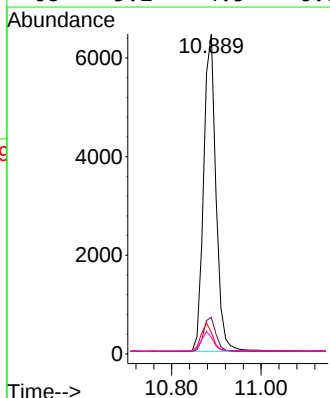
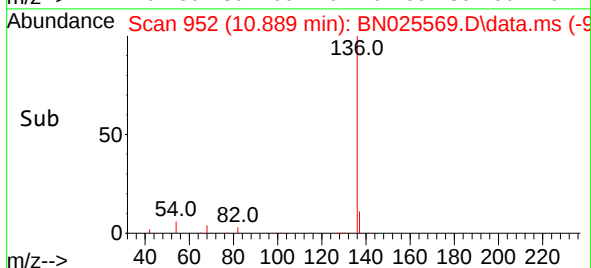
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|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 5002  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 21.5  | 17.5  | 26.3  |
| 71       | 37.7  | 30.1  | 45.1  |

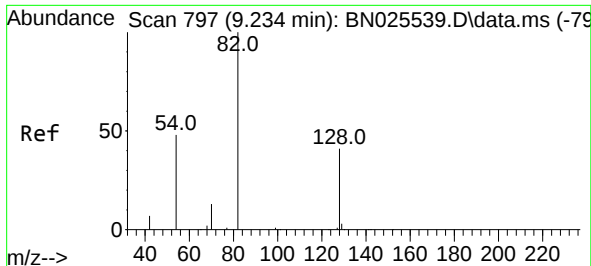


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.889 min Scan# 952  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 12322 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.4  | 9.1   | 13.7  |
| 54       | 6.8   | 6.2   | 9.4   |
| 68       | 5.2   | 4.5   | 6.7   |

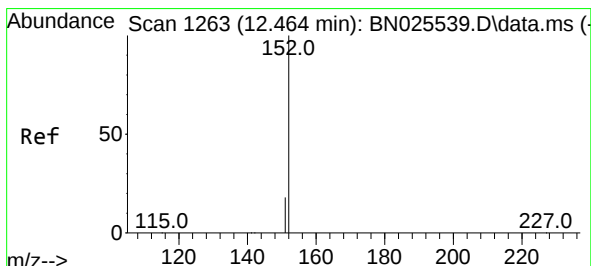
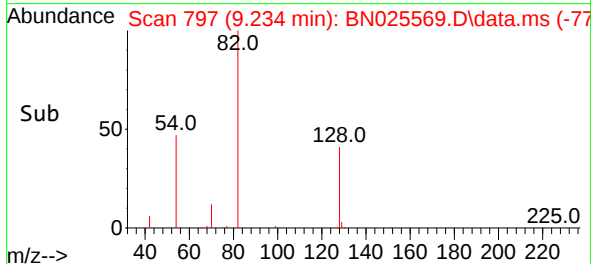
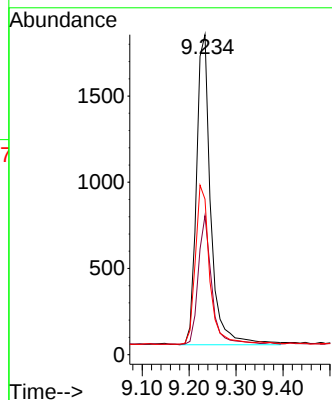
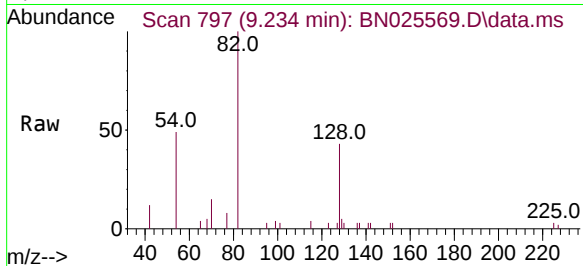




#8  
 Nitrobenzene-d5  
 Concen: 0.335 ng  
 RT: 9.234 min Scan# 797  
 Delta R.T. 0.000 min  
 Lab File: BN025569.D  
 Acq: 23 May 2023 11:11

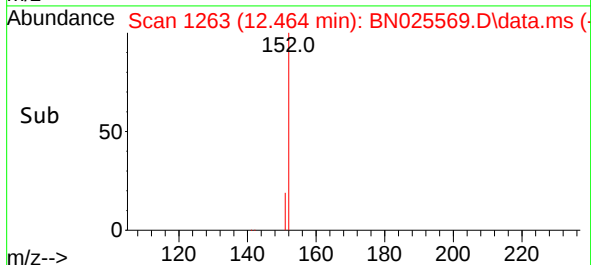
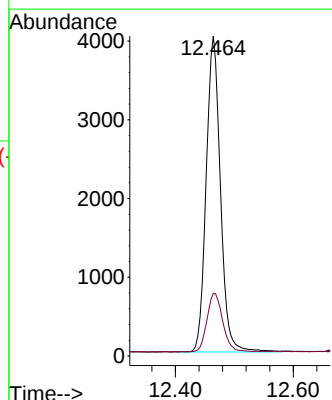
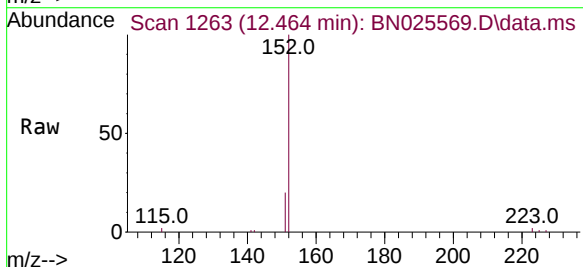
Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB152463BL

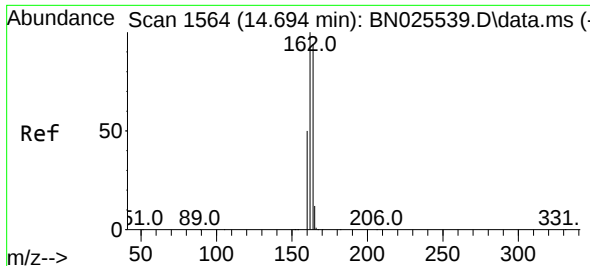
Tgt Ion: 82 Resp: 3804  
 Ion Ratio Lower Upper  
 82 100  
 128 43.4 33.8 50.8  
 54 48.6 39.8 59.6



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.372 ng  
 RT: 12.464 min Scan# 1263  
 Delta R.T. 0.000 min  
 Lab File: BN025569.D  
 Acq: 23 May 2023 11:11

Tgt Ion: 152 Resp: 6734  
 Ion Ratio Lower Upper  
 152 100  
 151 20.4 16.7 25.1

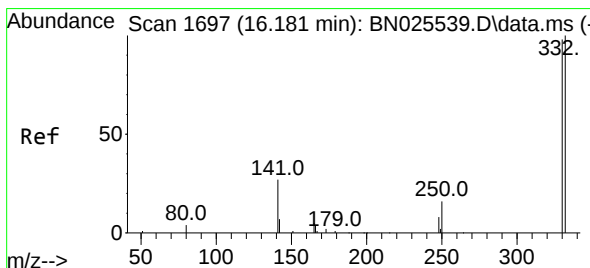
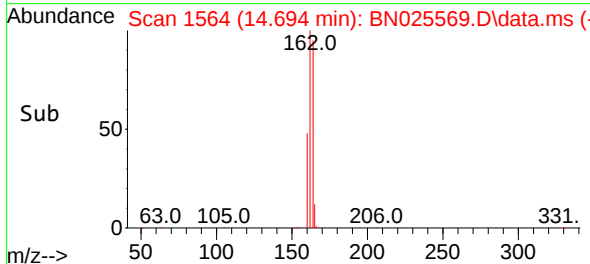
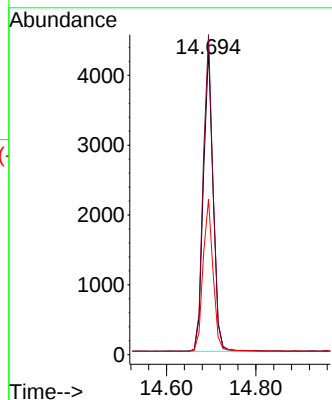
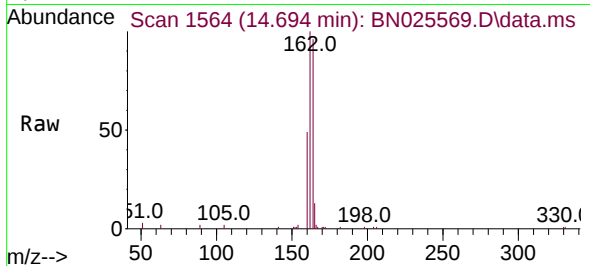




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.694 min Scan# 1564  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

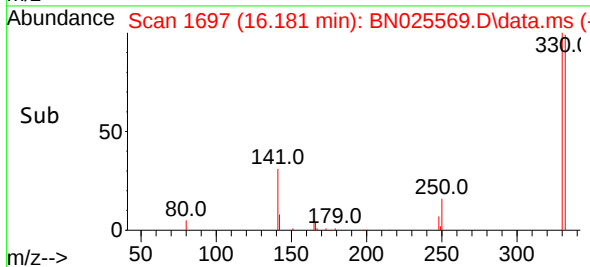
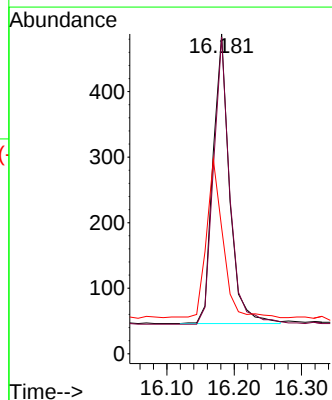
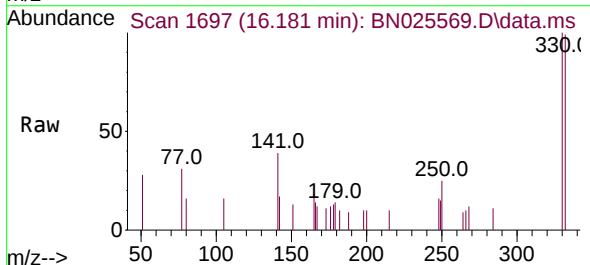
Instrument :  
BNA\_N  
ClientSampleId :  
PB152463BL

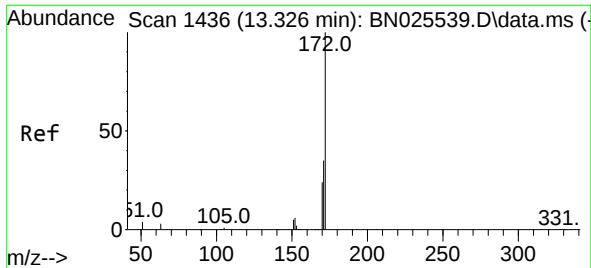
Tgt Ion:164 Resp: 6560  
Ion Ratio Lower Upper  
164 100  
162 104.6 85.5 128.3  
160 50.8 42.9 64.3



#14  
2,4,6-Tribromophenol  
Concen: 0.274 ng  
RT: 16.181 min Scan# 1697  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

Tgt Ion:330 Resp: 752  
Ion Ratio Lower Upper  
330 100  
332 98.5 76.7 115.1  
141 54.4 43.0 64.6

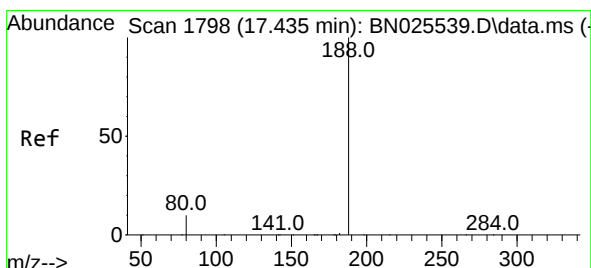
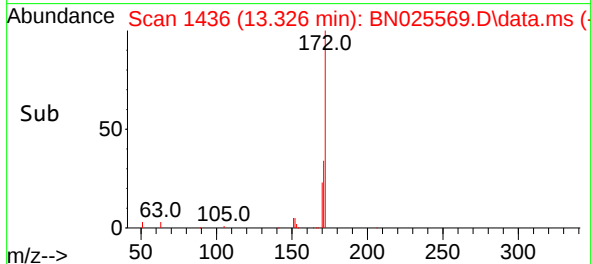
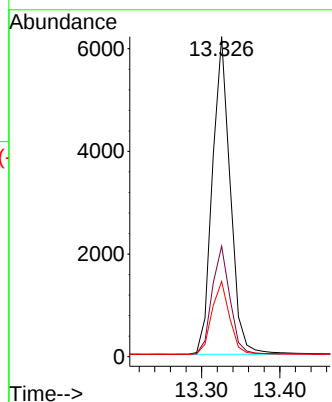
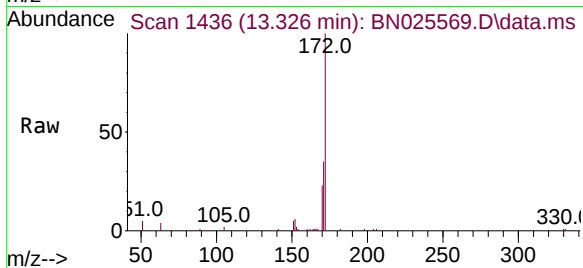




#15  
2-Fluorobiphenyl  
Concen: 0.345 ng  
RT: 13.326 min Scan# 1436  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

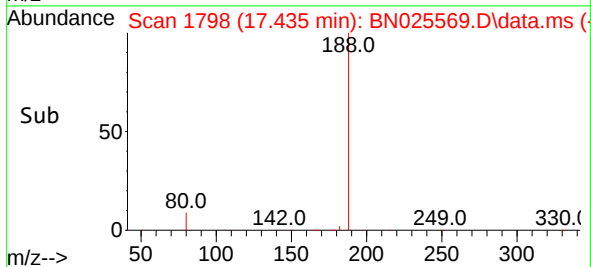
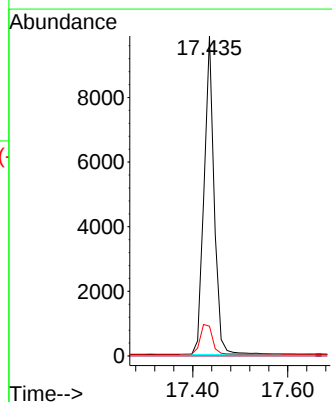
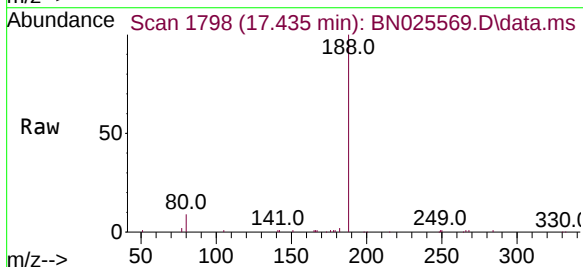
Instrument :  
BNA\_N  
ClientSampleId :  
PB152463BL

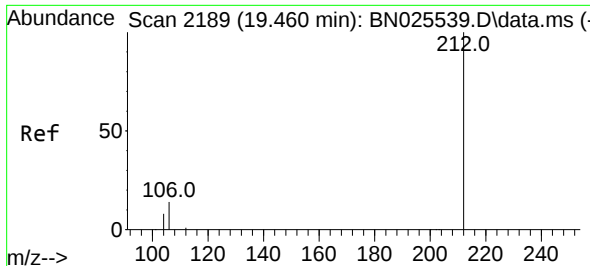
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|-----------|-------|-------|------|
| Tgt Ion:  | 172   | Resp: | 9807 |
| Ion Ratio | Lower | Upper |      |
| 172       | 100   |       |      |
| 171       | 34.6  | 28.3  | 42.5 |
| 170       | 23.5  | 19.3  | 28.9 |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.435 min Scan# 1798  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 14632 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 9.3   | 8.8   | 13.2  |

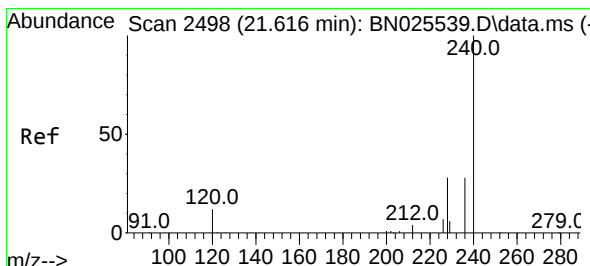
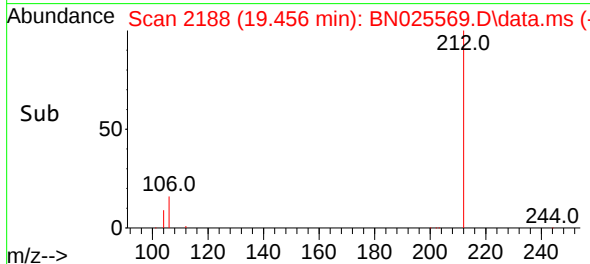
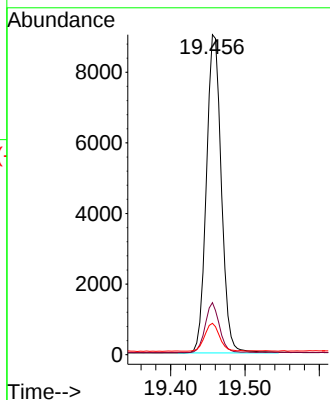
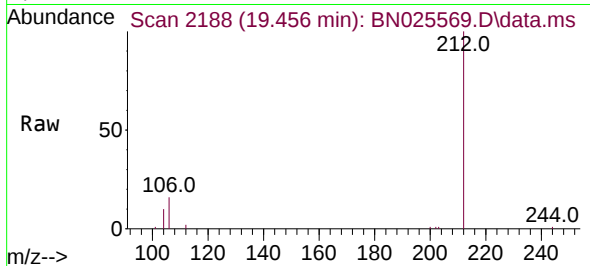




#27  
Fluoranthene-d10  
Concen: 0.363 ng  
RT: 19.456 min Scan# 2188  
Delta R.T. -0.004 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

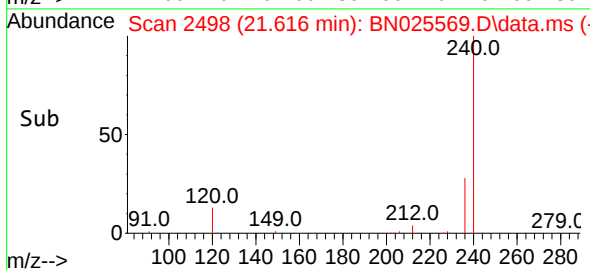
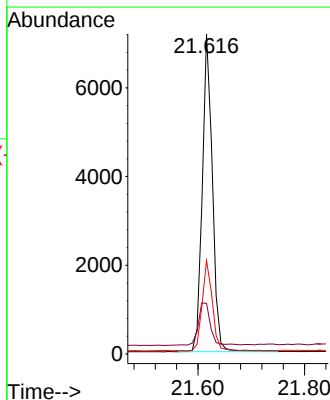
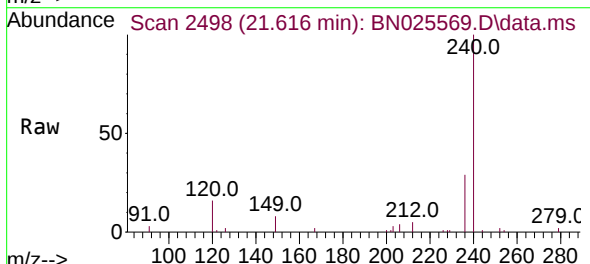
Instrument :  
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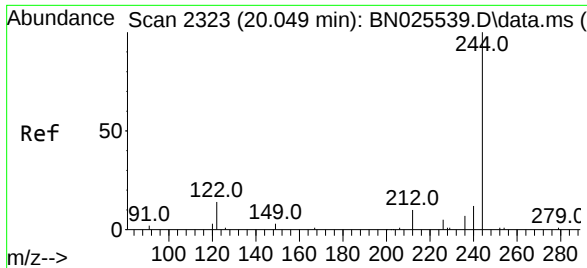
Tgt Ion:212 Resp: 12585  
Ion Ratio Lower Upper  
212 100  
106 15.0 11.4 17.2  
104 8.7 6.8 10.2



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.616 min Scan# 2498  
Delta R.T. 0.000 min  
Lab File: BN025569.D  
Acq: 23 May 2023 11:11

Tgt Ion:240 Resp: 9394  
Ion Ratio Lower Upper  
240 100  
120 15.8 11.7 17.5  
236 29.2 23.0 34.6

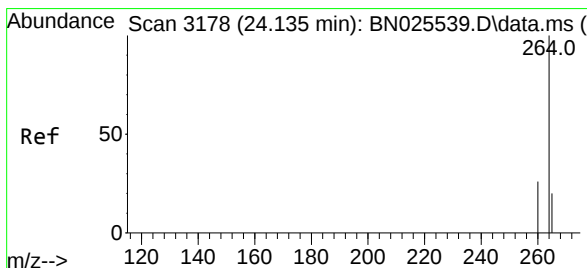
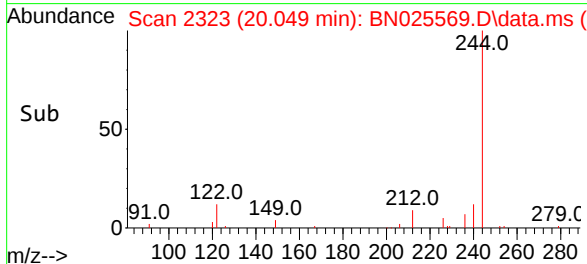
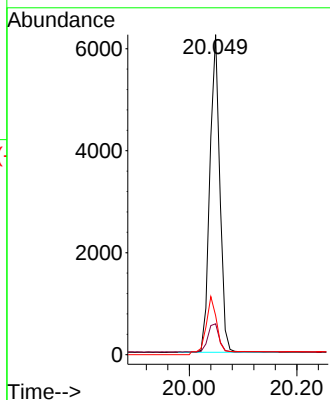
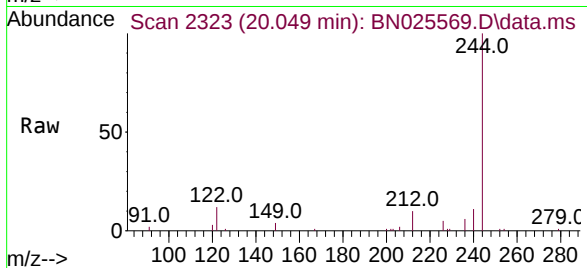




#31  
 Terphenyl-d14  
 Concen: 0.356 ng  
 RT: 20.049 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BN025569.D  
 Acq: 23 May 2023 11:11

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB152463BL

Tgt Ion:244 Resp: 6930  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 8.4 12.6  
 122 12.2 11.4 17.0



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 24.120 min Scan# 3173  
 Delta R.T. -0.015 min  
 Lab File: BN025569.D  
 Acq: 23 May 2023 11:11

Tgt Ion:264 Resp: 8713  
 Ion Ratio Lower Upper  
 264 100  
 260 28.1 21.1 31.7  
 265 50.5 35.5 53.3

