

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN063023\  
 Data File : BN026114.D  
 Acq On : 30 Jun 2023 04:49  
 Operator : MA/JU  
 Sample : PB153896BL  
 Misc :  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 PB153896BL

Quant Time: Jun 30 07:08:08 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jun 30 07:06:59 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|--------|------|----------|-------|-------|----------|
| -----                       |        |      |          |       |       |          |
| Internal Standards          |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.969  | 152  | 6496     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8           | 10.782 | 136  | 19299    | 0.400 | ng    | 0.01     |
| 13) Acenaphthene-d10        | 14.609 | 164  | 11949    | 0.400 | ng    | 0.01     |
| 19) Phenanthrene-d10        | 17.356 | 188  | 20075    | 0.400 | ng    | 0.01     |
| 29) Chrysene-d12            | 21.542 | 240  | 11510    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12            | 24.007 | 264  | 12719    | 0.400 | ng    | 0.02     |
|                             |        |      |          |       |       |          |
| System Monitoring Compounds |        |      |          |       |       |          |
| 4) 2-Fluorophenol           | 5.521  | 112  | 6576     | 0.417 | ng    | 0.00     |
| 5) Phenol-d6                | 7.146  | 99   | 6753     | 0.336 | ng    | 0.01     |
| 8) Nitrobenzene-d5          | 9.148  | 82   | 5382     | 0.326 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10 | 12.374 | 152  | 10864    | 0.385 | ng    | 0.01     |
| 14) 2,4,6-Tribromophenol    | 16.115 | 330  | 1013     | 0.233 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl        | 13.240 | 172  | 15099    | 0.327 | ng    | 0.01     |
| 27) Fluoranthene-d10        | 19.384 | 212  | 15879    | 0.373 | ng    | 0.00     |
| 31) Terphenyl-d14           | 19.974 | 244  | 10713    | 0.364 | ng    | 0.00     |

Target Compounds Qvalue

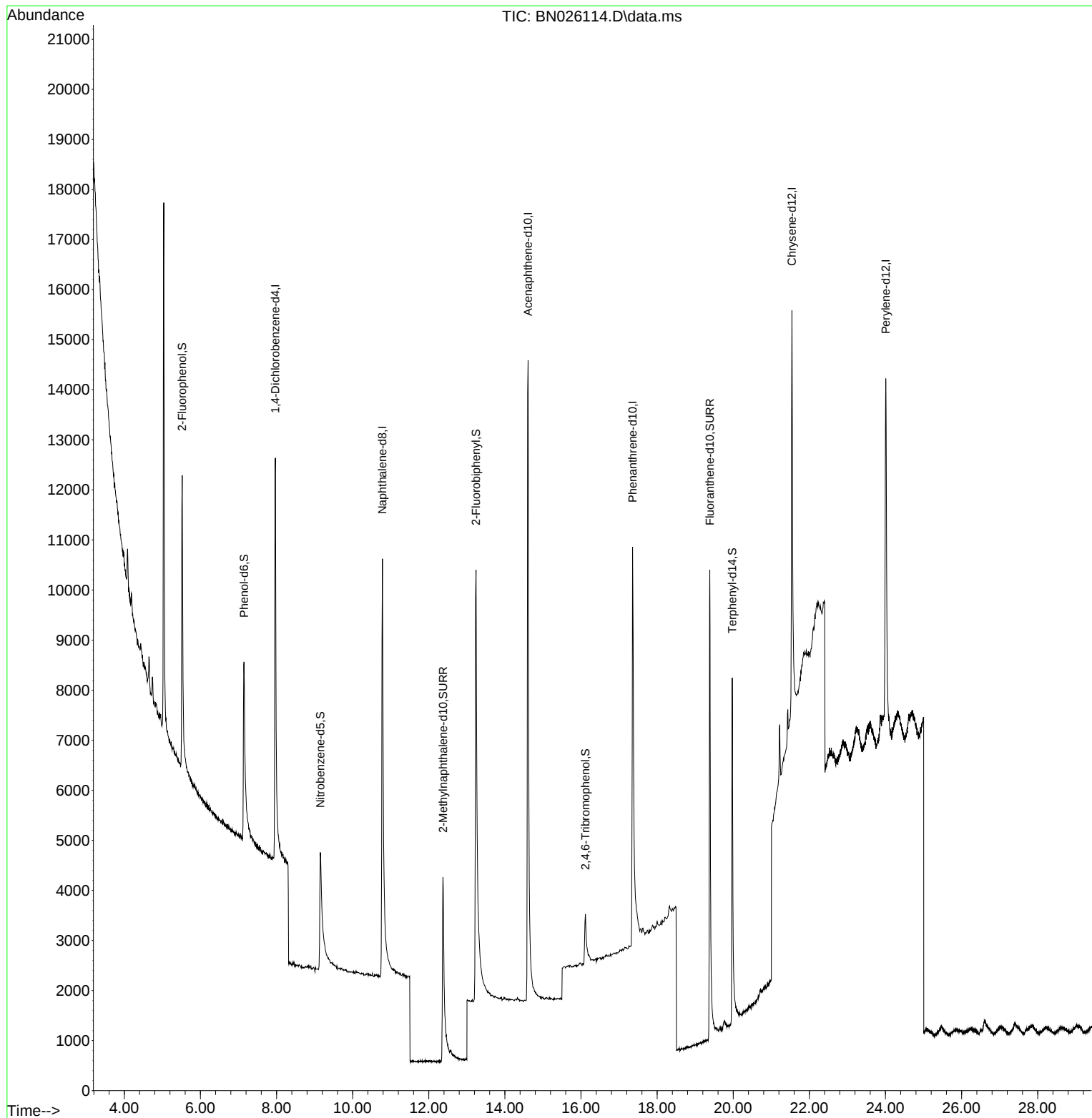
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN063023\  
Data File : BN026114.D  
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Sample : PB153896BL  
Misc :  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
PB153896BL

Quant Time: Jun 30 07:08:08 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN062723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jun 30 07:06:59 2023  
Response via : Initial Calibration

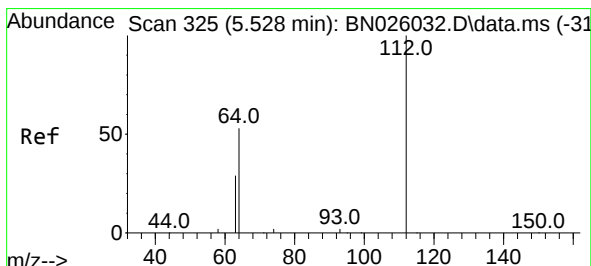
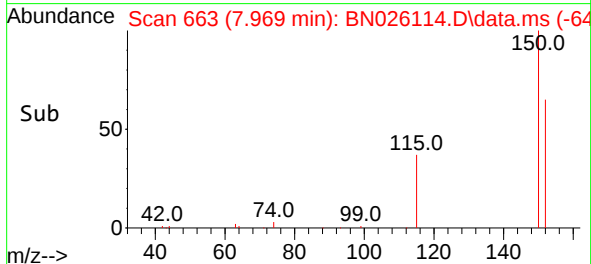
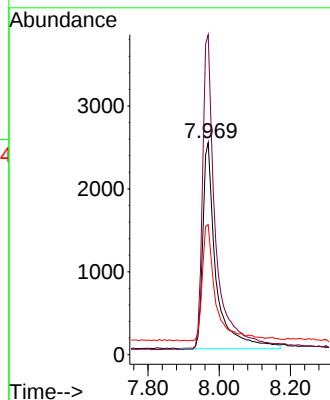
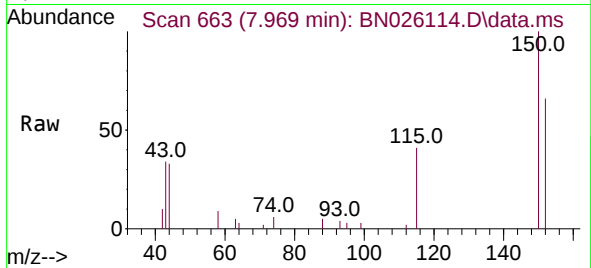




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.969 min Scan# 61  
Delta R.T. 0.008 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

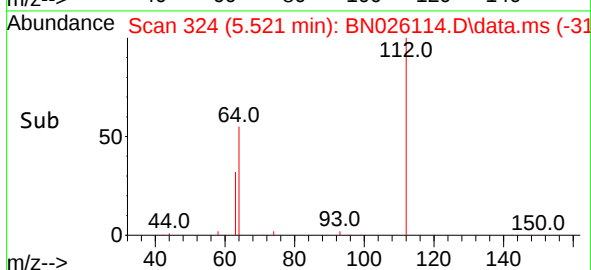
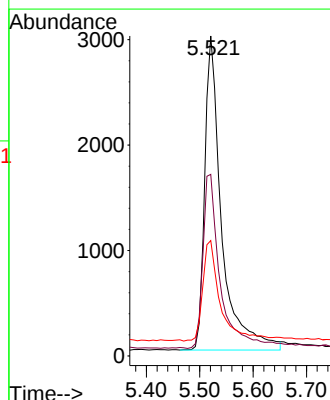
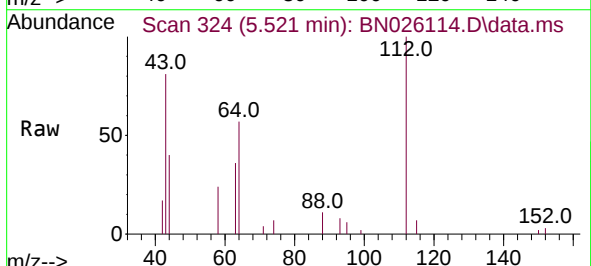
Instrument :  
BNA\_N  
ClientSampleId :  
PB153896BL

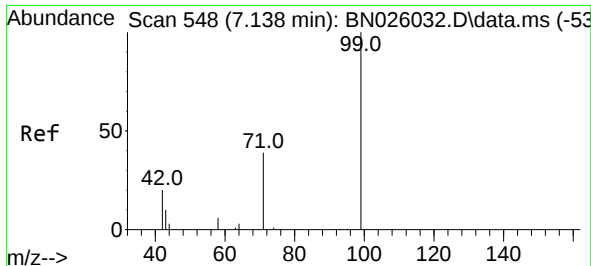
Tgt Ion:152 Resp: 6496  
Ion Ratio Lower Upper  
152 100  
150 150.9 124.7 187.1  
115 61.4 48.2 72.4



#4  
2-Fluorophenol  
Concen: 0.417 ng  
RT: 5.521 min Scan# 324  
Delta R.T. 0.000 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

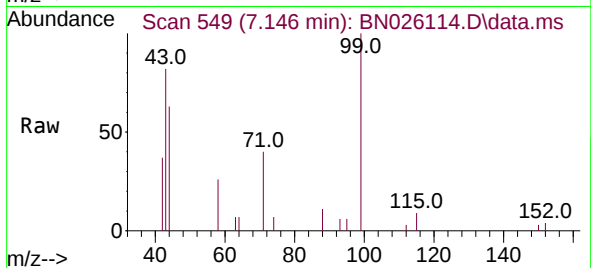
Tgt Ion:112 Resp: 6576  
Ion Ratio Lower Upper  
112 100  
64 57.1 45.8 68.6  
63 33.2 27.4 41.2



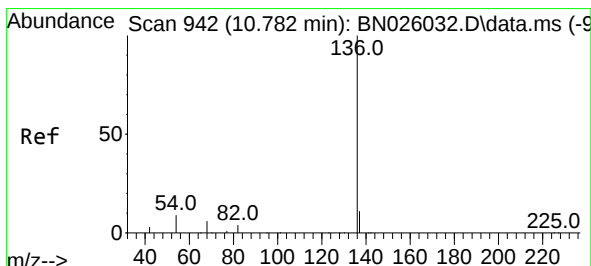
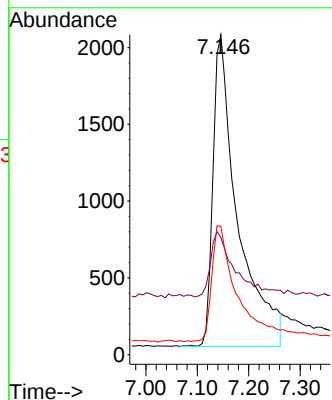
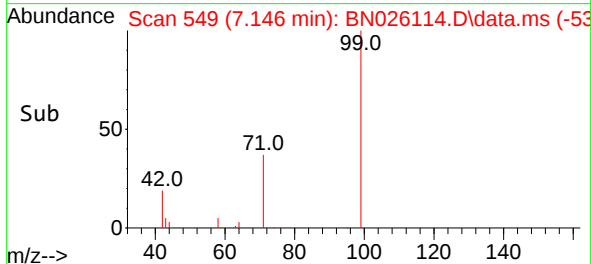


#5  
Phenol-d6  
Concen: 0.336 ng  
RT: 7.146 min Scan# 548  
Delta R.T. 0.015 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

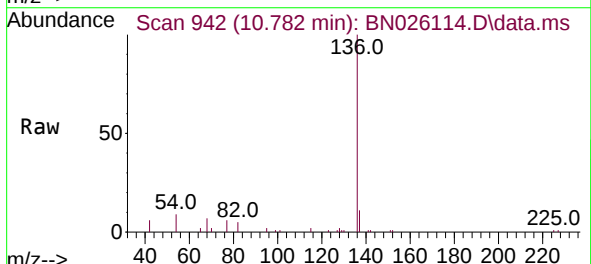
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BNA\_N  
ClientSampleId :  
PB153896BL



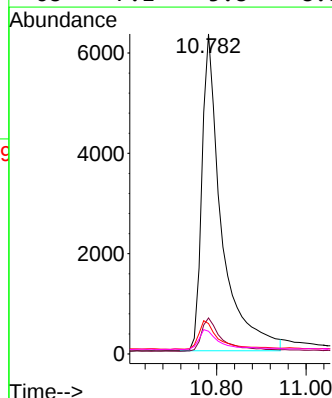
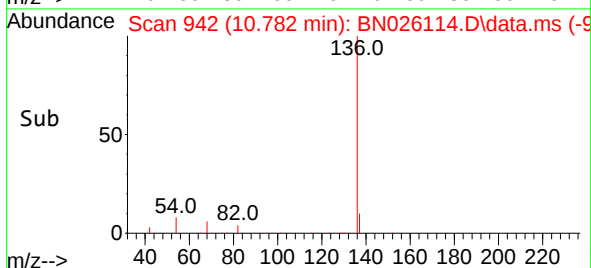
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 99    | Resp: | 6753  |
| Ion      | Ratio | Lower | Upper |
| 99       | 100   |       |       |
| 42       | 20.7  | 18.4  | 27.6  |
| 71       | 38.3  | 30.6  | 46.0  |

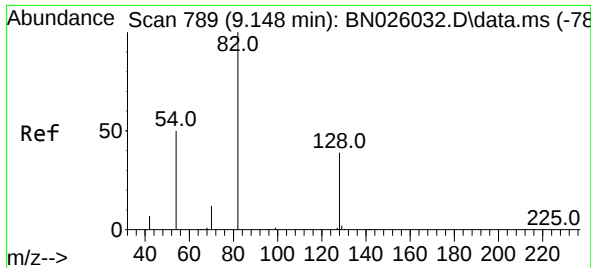


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.782 min Scan# 942  
Delta R.T. 0.011 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 19299 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 11.2  | 9.0   | 13.4  |
| 54       | 9.5   | 7.8   | 11.6  |
| 68       | 7.1   | 5.8   | 8.8   |

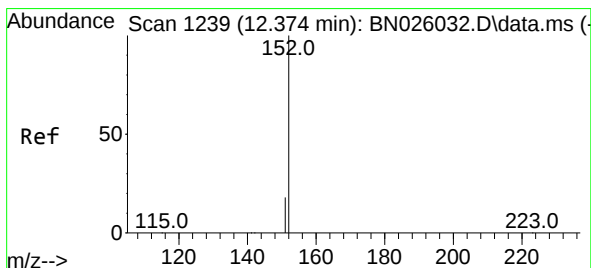
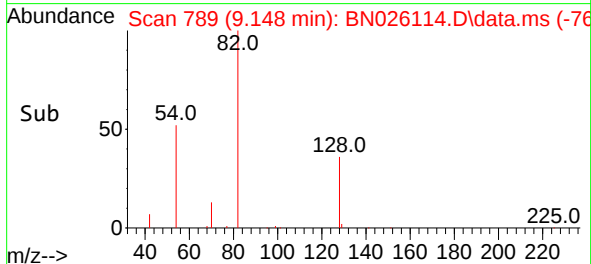
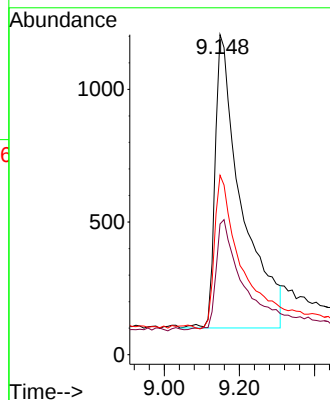
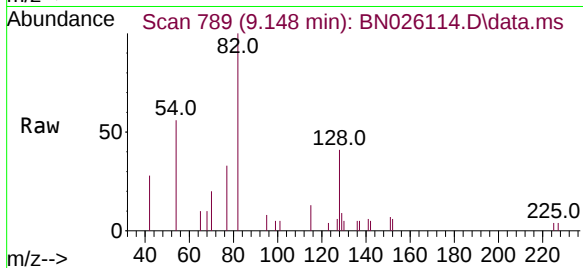




#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 9.148 min Scan# 789  
Delta R.T. 0.011 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

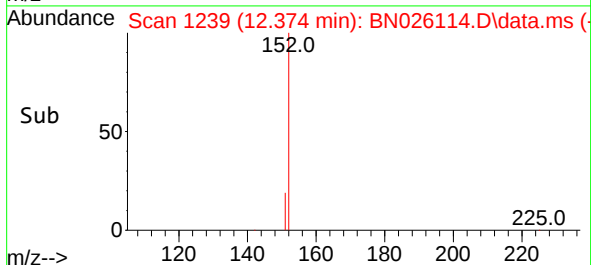
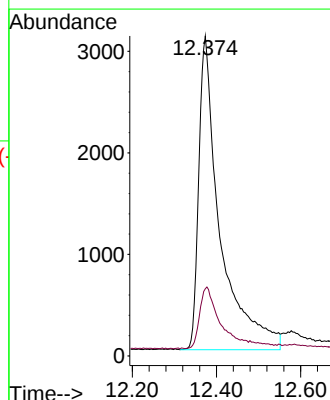
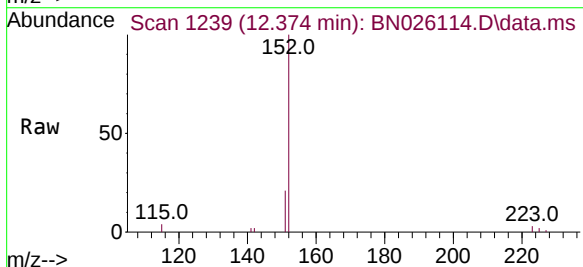
Instrument :  
BNA\_N  
ClientSampleId :  
PB153896BL

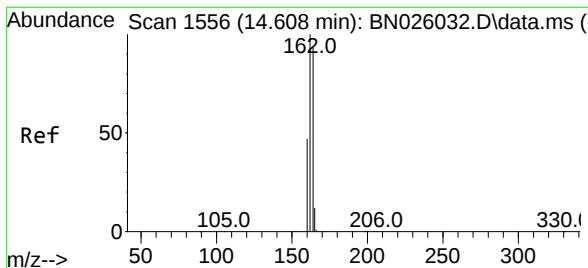
Tgt Ion: 82 Resp: 5382  
Ion Ratio Lower Upper  
82 100  
128 40.9 33.4 50.2  
54 56.1 41.7 62.5



#11  
2-Methylnaphthalene-d10  
Concen: 0.385 ng  
RT: 12.374 min Scan# 1239  
Delta R.T. 0.012 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

Tgt Ion: 152 Resp: 10864  
Ion Ratio Lower Upper  
152 100  
151 18.7 16.2 24.2

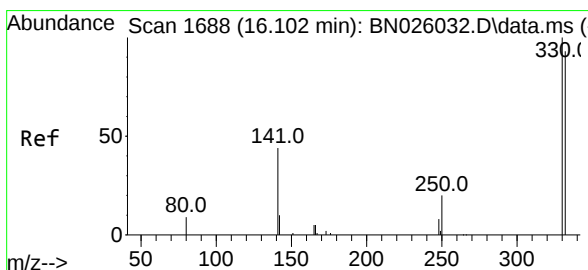
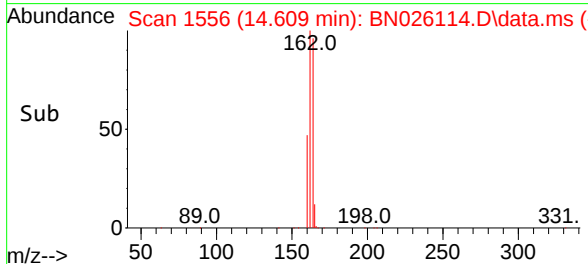
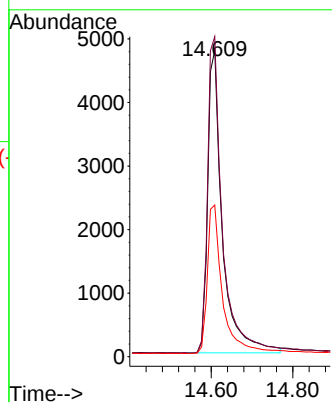
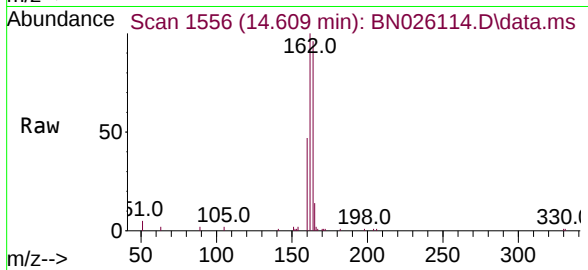




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.609 min Scan# 1556  
Delta R.T. 0.011 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

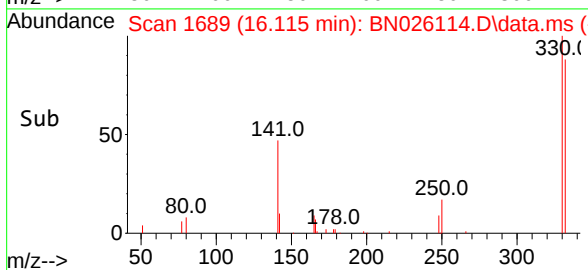
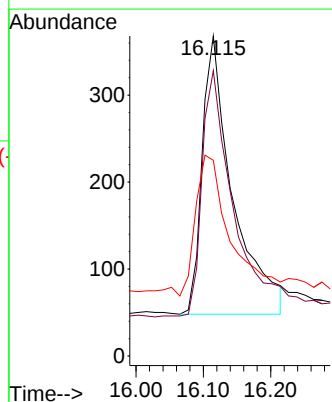
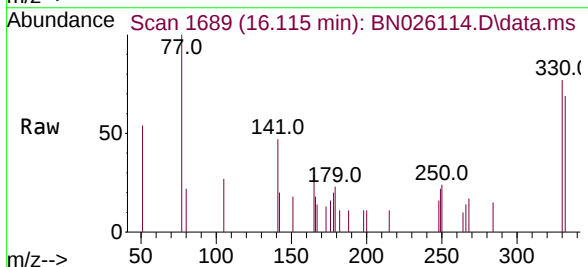
Instrument :  
BNA\_N  
ClientSampleId :  
PB153896BL

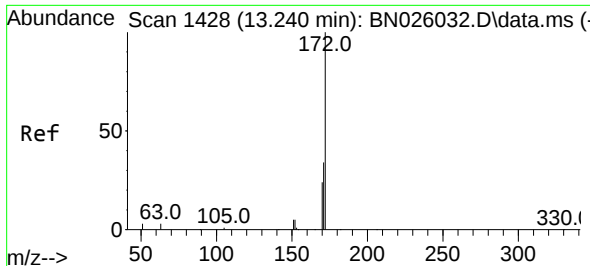
Tgt Ion:164 Resp: 11949  
Ion Ratio Lower Upper  
164 100  
162 104.4 85.3 127.9  
160 49.5 40.0 60.0



#14  
2,4,6-Tribromophenol  
Concen: 0.233 ng  
RT: 16.115 min Scan# 1689  
Delta R.T. 0.013 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

Tgt Ion:330 Resp: 1013  
Ion Ratio Lower Upper  
330 100  
332 90.3 76.0 114.0  
141 51.4 42.8 64.2

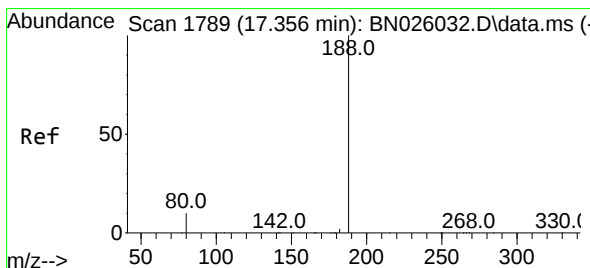
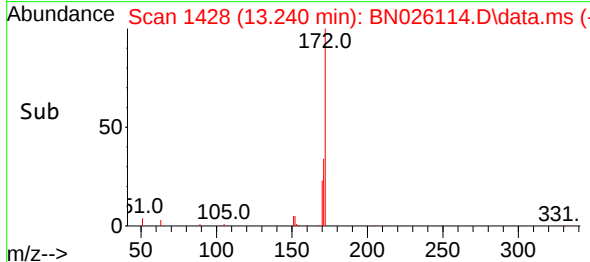
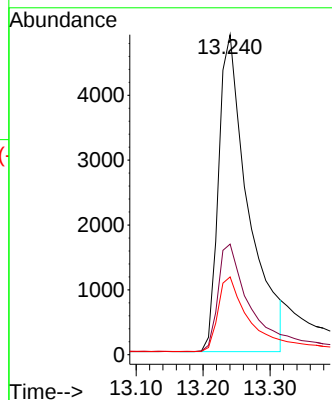
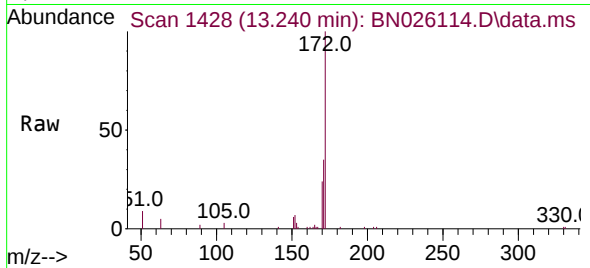




#15  
2-Fluorobiphenyl  
Concen: 0.327 ng  
RT: 13.240 min Scan# 1428  
Delta R.T. 0.011 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

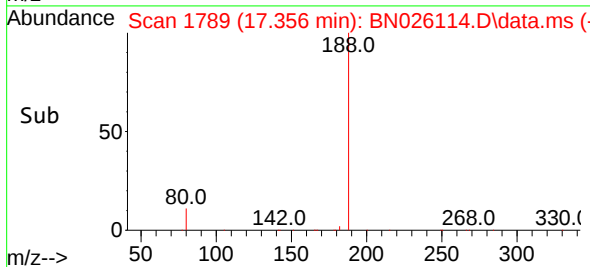
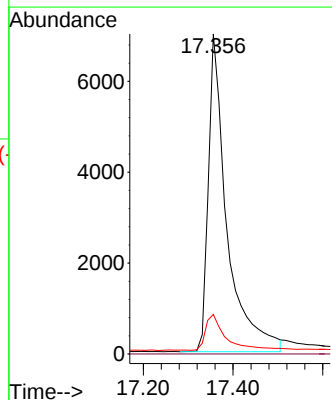
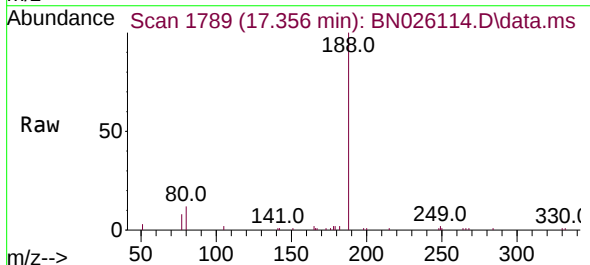
Instrument :  
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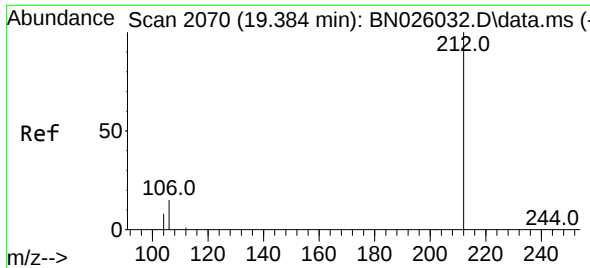
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|-----------|-------|-------|-------|
| Tgt Ion:  | 172   | Resp: | 15099 |
| Ion Ratio | Lower | Upper |       |
| 172       | 100   |       |       |
| 171       | 34.5  | 27.8  | 41.8  |
| 170       | 24.3  | 19.3  | 28.9  |



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.356 min Scan# 1789  
Delta R.T. 0.013 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 188   | Resp: | 20075 |
| Ion Ratio | Lower | Upper |       |
| 188       | 100   |       |       |
| 94        | 0.0   | 0.0   | 0.0   |
| 80        | 12.4  | 8.6   | 13.0  |

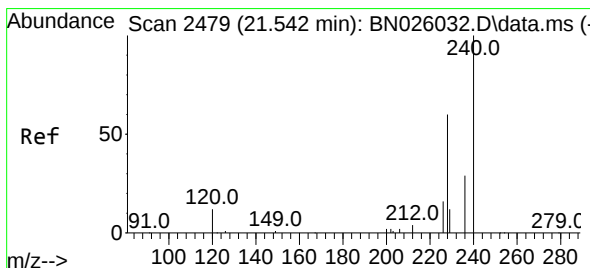
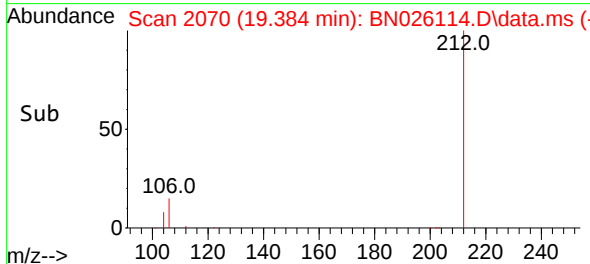
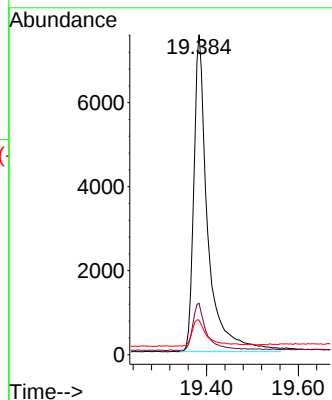
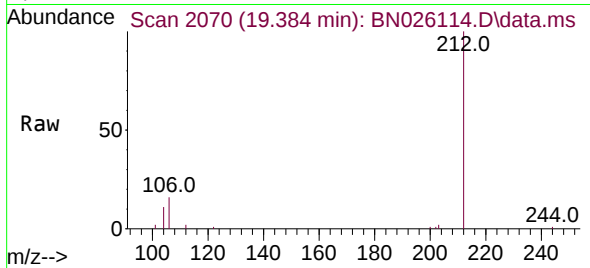




#27  
Fluoranthene-d10  
Concen: 0.373 ng  
RT: 19.384 min Scan# 2070  
Delta R.T. 0.005 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

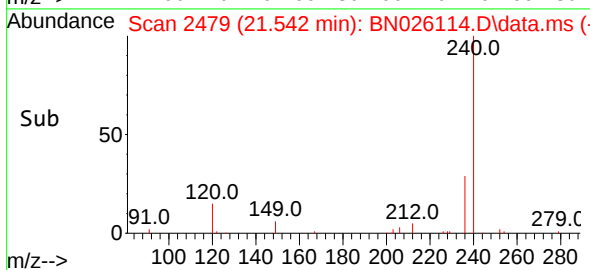
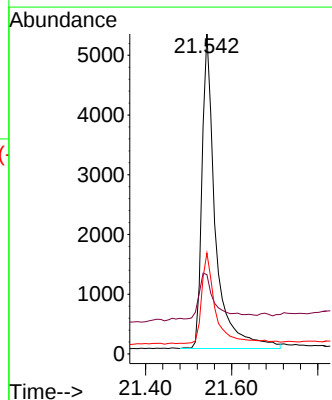
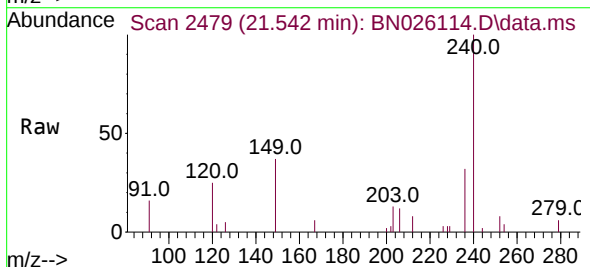
Instrument :  
BNA\_N  
ClientSampleId :  
PB153896BL

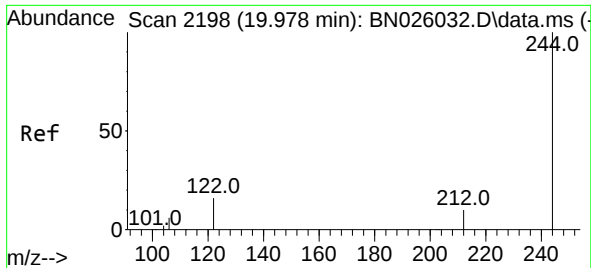
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 14.8  | 11.6  | 17.4  |
| 104     | 8.9   | 7.2   | 10.8  |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.542 min Scan# 2479  
Delta R.T. 0.009 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 24.8  | 14.6  | 22.0  |
| 236     | 31.5  | 24.2  | 36.2  |

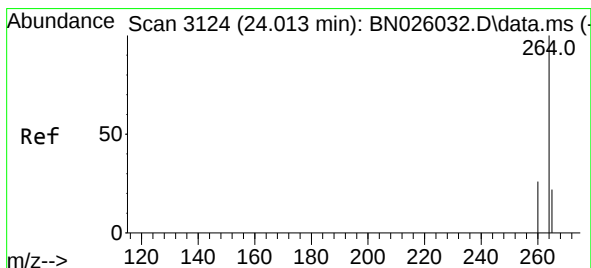
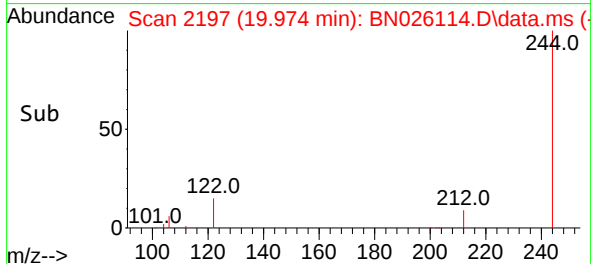
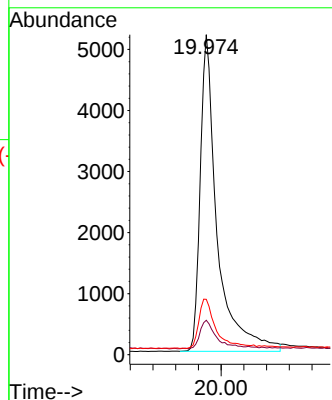
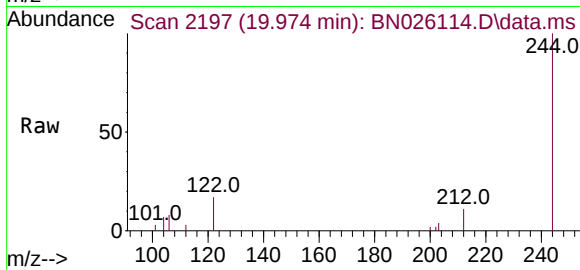




#31  
Terphenyl-d14  
Concen: 0.364 ng  
RT: 19.974 min Scan# 2197  
Delta R.T. 0.005 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

Instrument :  
BNA\_N  
ClientSampleId :  
PB153896BL

Tgt Ion:244 Resp: 10713  
Ion Ratio Lower Upper  
244 100  
212 10.8 8.7 13.1  
122 17.3 13.7 20.5



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 24.007 min Scan# 3122  
Delta R.T. 0.021 min  
Lab File: BN026114.D  
Acq: 30 Jun 2023 04:49

Tgt Ion:264 Resp: 12719  
Ion Ratio Lower Upper  
264 100  
260 27.5 21.9 32.9  
265 107.6 80.3 120.5

