

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN020524\  
 Data File : BN029507.D  
 Acq On : 05 Feb 2024 14:34  
 Operator : MA/JU  
 Sample : PB158803BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :

Quant Time: Feb 05 15:09:03 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 01 01:51:59 2024  
 Response via : Initial Calibration

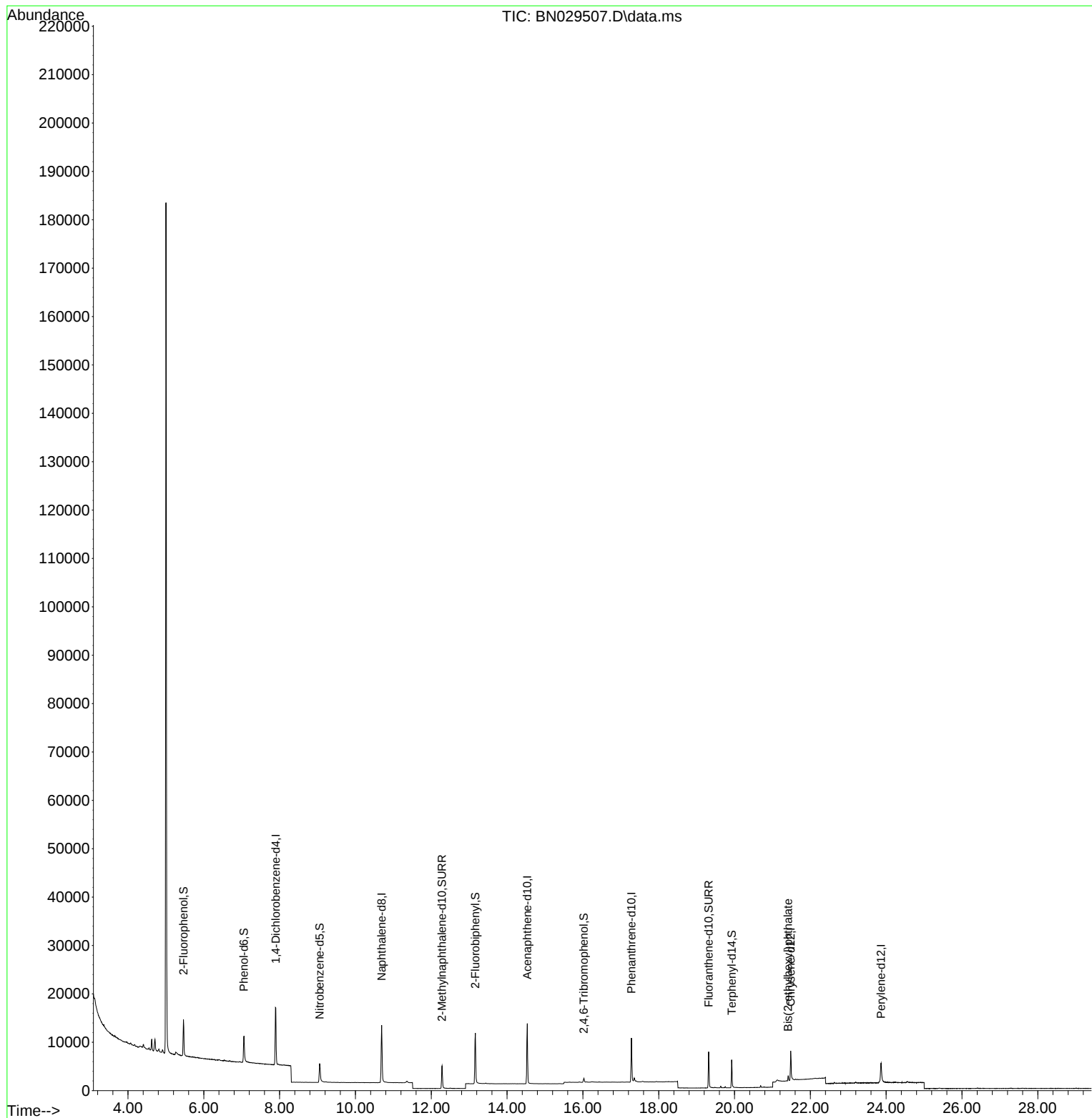
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 6229     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.690 | 136  | 16702    | 0.400 | ng    | 0.00      |
| 13) Acenaphthene-d10          | 14.532 | 164  | 7203     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.280 | 188  | 12362    | 0.400 | ng    | 0.00      |
| 29) Chrysene-d12              | 21.483 | 240  | 6788     | 0.400 | ng    | 0.00      |
| 35) Perylene-d12              | 23.864 | 264  | 6924     | 0.400 | ng    | 0.00      |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.464  | 112  | 5961     | 0.398 | ng    | 0.00      |
| 5) Phenol-d6                  | 7.060  | 99   | 6501     | 0.377 | ng    | 0.00      |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 4331     | 0.311 | ng    | 0.00      |
| 11) 2-Methylnaphthalene-d10   | 12.283 | 152  | 7055     | 0.310 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 16.026 | 330  | 496      | 0.215 | ng    | 0.00      |
| 15) 2-Fluorobiphenyl          | 13.164 | 172  | 10320    | 0.334 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.317 | 212  | 8582     | 0.287 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.926 | 244  | 5918     | 0.351 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 34) Bis(2-ethylhexyl)phtha... | 21.411 | 149  | 1216     | 0.077 | ng    | Qvalue 97 |
| -----                         |        |      |          |       |       |           |

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

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Sample : PB158803BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :

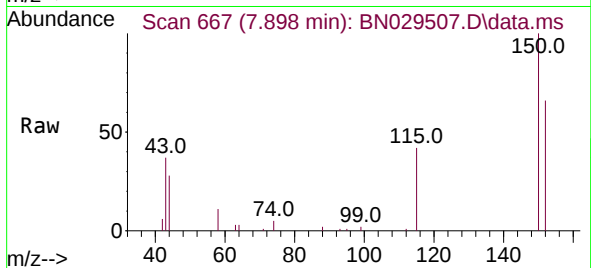
Quant Time: Feb 05 15:09:03 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012924.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 01 01:51:59 2024  
Response via : Initial Calibration





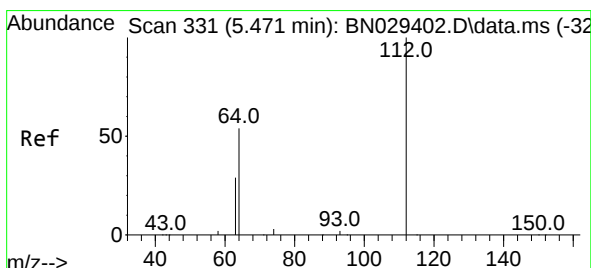
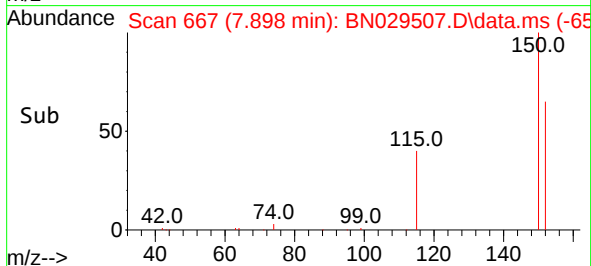
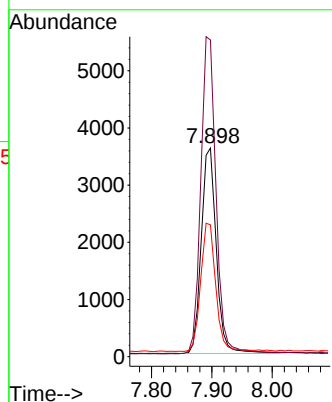
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.898 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:152 Resp: 6229

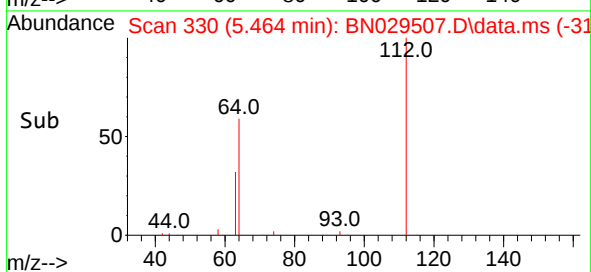
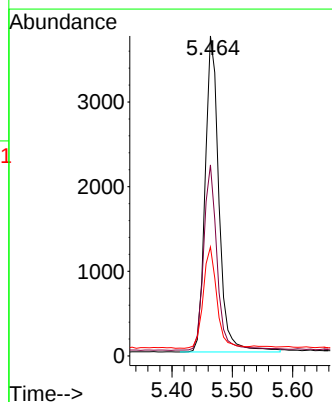
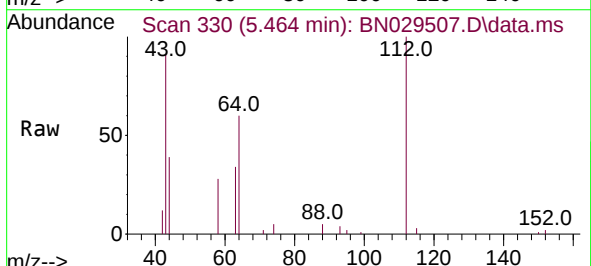
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 150 | 151.8 | 123.0 | 184.4 |
| 115 | 63.2  | 51.4  | 77.0  |



#4  
2-Fluorophenol  
Concen: 0.398 ng  
RT: 5.464 min Scan# 330  
Delta R.T. -0.000 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

Tgt Ion:112 Resp: 5961

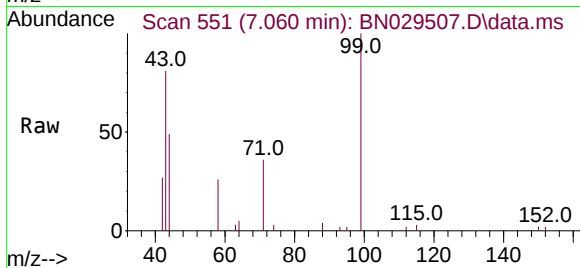
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 112 | 100   |       |       |
| 64  | 57.7  | 47.2  | 70.8  |
| 63  | 31.5  | 25.8  | 38.6  |



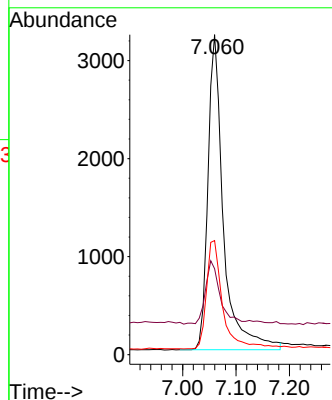
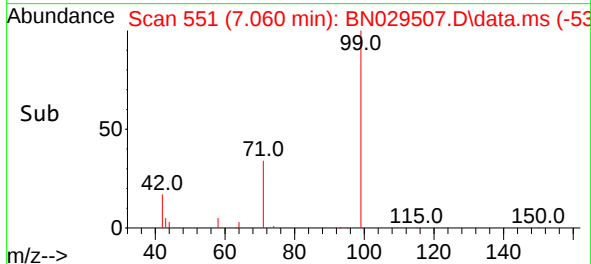


#5  
Phenol-d6  
Concen: 0.377 ng  
RT: 7.060 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

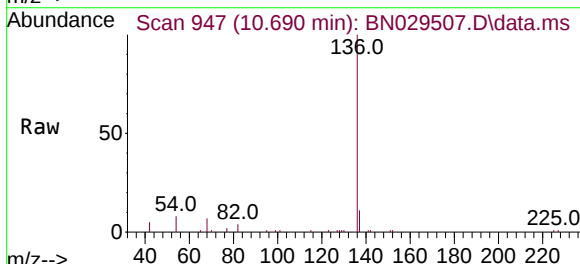
Instrument :  
BNA\_N  
ClientSampleId :



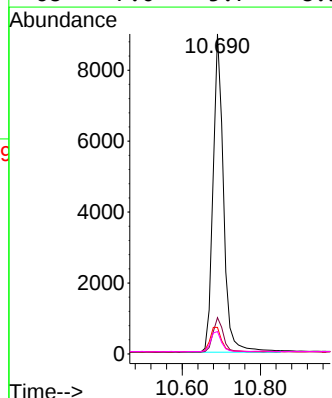
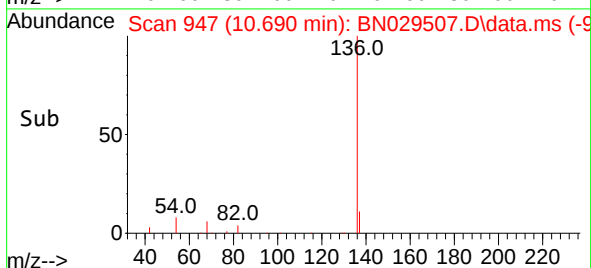
Tgt Ion: 99 Resp: 6501  
Ion Ratio Lower Upper  
99 100  
42 18.0 16.9 25.3  
71 36.3 30.0 45.0

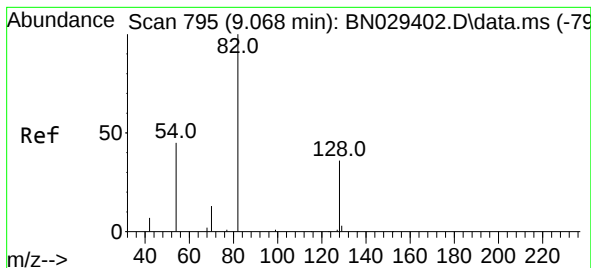


#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 947  
Delta R.T. -0.000 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34



Tgt Ion: 136 Resp: 16702  
Ion Ratio Lower Upper  
136 100  
137 11.3 9.7 14.5  
54 8.3 6.6 10.0  
68 7.0 5.7 8.5





#8

Nitrobenzene-d5

Concen: 0.311 ng

RT: 9.057 min Scan# 795

Delta R.T. -0.000 min

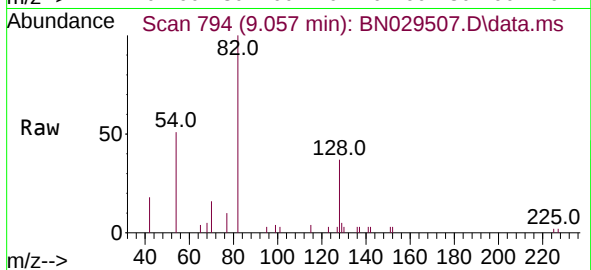
Lab File: BN029507.D

Acq: 05 Feb 2024 14:34

Instrument :

BNA\_N

ClientSampleId :



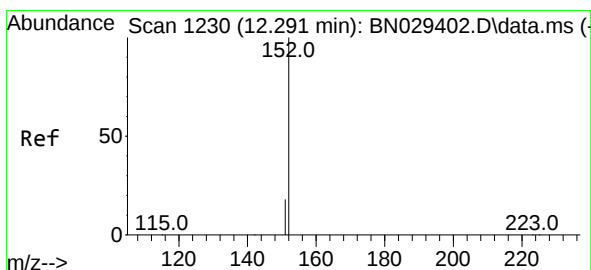
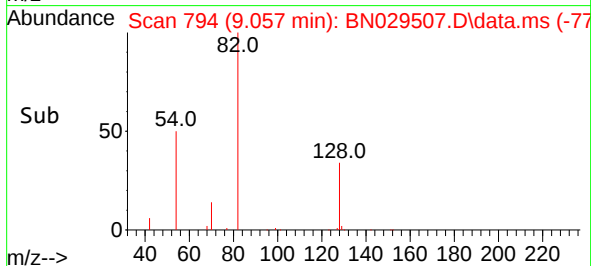
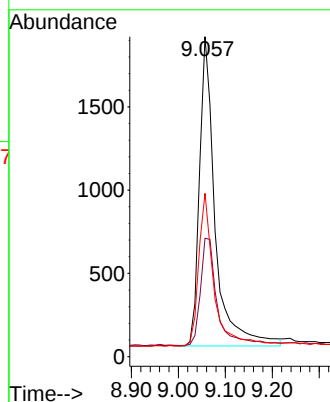
Tgt Ion: 82 Resp: 4331

Ion Ratio Lower Upper

82 100

128 37.0 31.6 47.4

54 51.0 38.2 57.4



#11

2-Methylnaphthalene-d10

Concen: 0.310 ng

RT: 12.283 min Scan# 1228

Delta R.T. -0.004 min

Lab File: BN029507.D

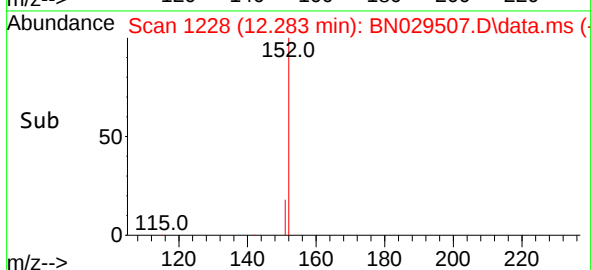
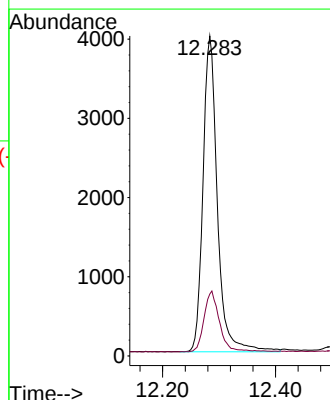
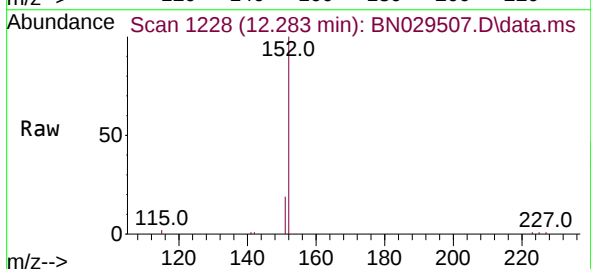
Acq: 05 Feb 2024 14:34

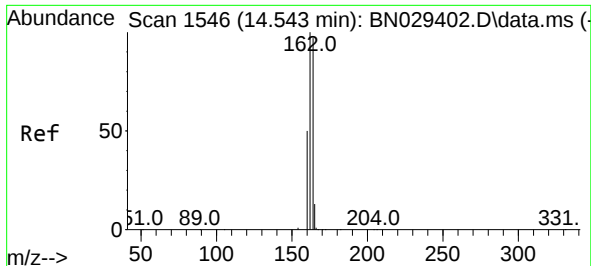
Tgt Ion: 152 Resp: 7055

Ion Ratio Lower Upper

152 100

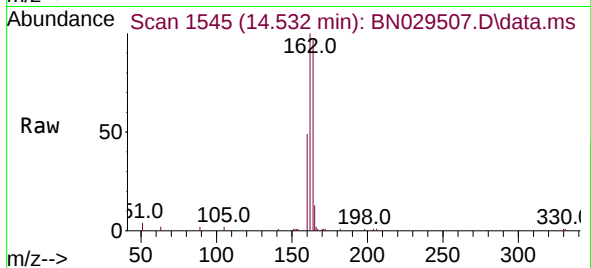
151 20.4 17.1 25.7



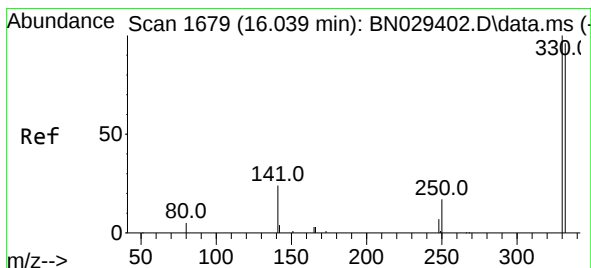
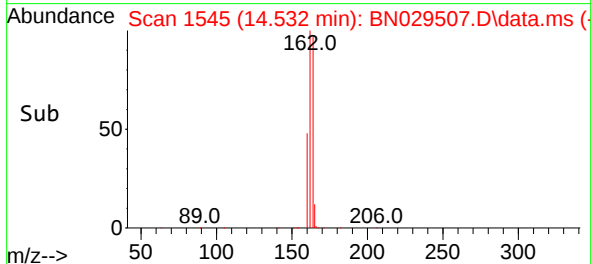
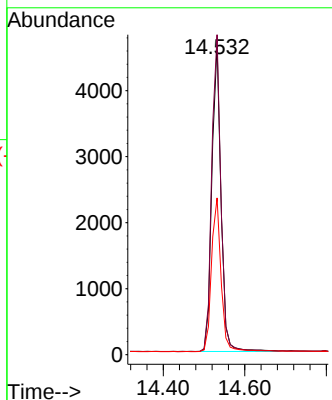


#13  
 Acenaphthene-d10  
 Concen: 0.400 ng  
 RT: 14.532 min Scan# 1545  
 Delta R.T. -0.000 min  
 Lab File: BN029507.D  
 Acq: 05 Feb 2024 14:34

Instrument :  
 BNA\_N  
 ClientSampleId :

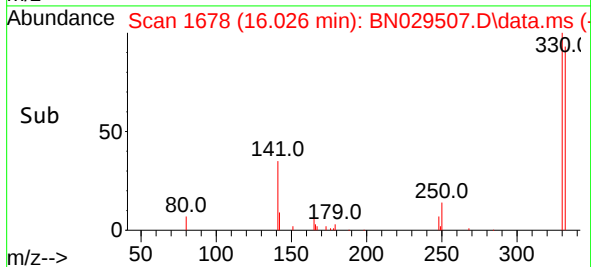
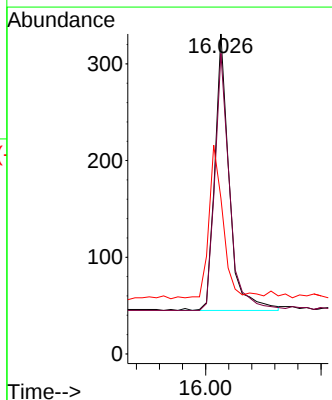
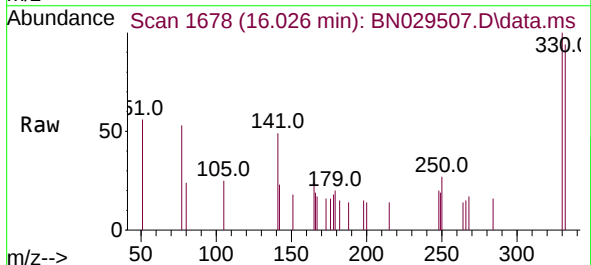


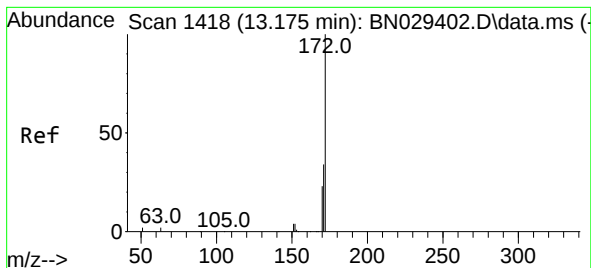
Tgt Ion:164 Resp: 7203  
 Ion Ratio Lower Upper  
 164 100  
 162 103.3 82.6 123.8  
 160 50.6 41.5 62.3



#14  
 2,4,6-Tribromophenol  
 Concen: 0.215 ng  
 RT: 16.026 min Scan# 1678  
 Delta R.T. -0.000 min  
 Lab File: BN029507.D  
 Acq: 05 Feb 2024 14:34

Tgt Ion:330 Resp: 496  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 76.0 114.0  
 141 54.0 43.4 65.2

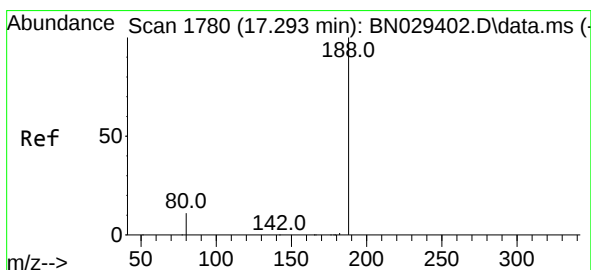
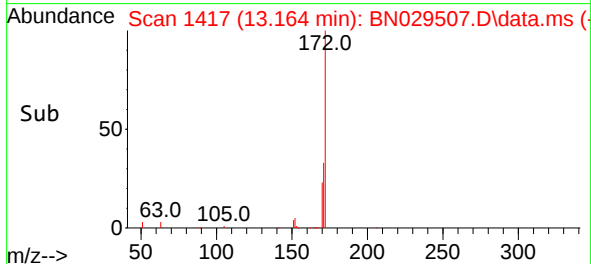
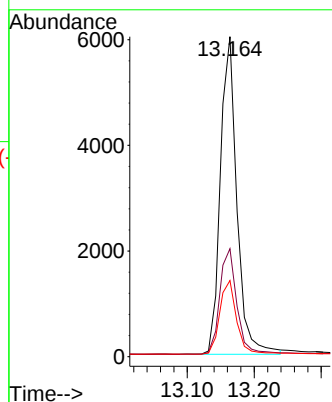
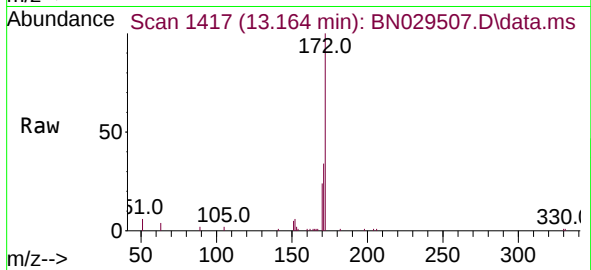




#15  
2-Fluorobiphenyl  
Concen: 0.334 ng  
RT: 13.164 min Scan# 1418  
Delta R.T. -0.000 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

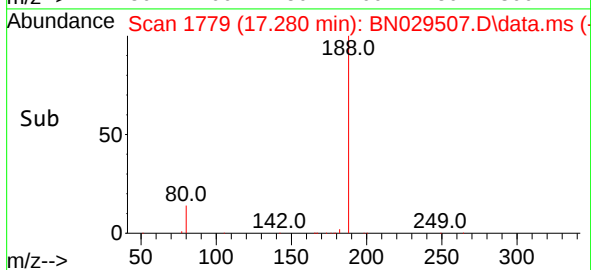
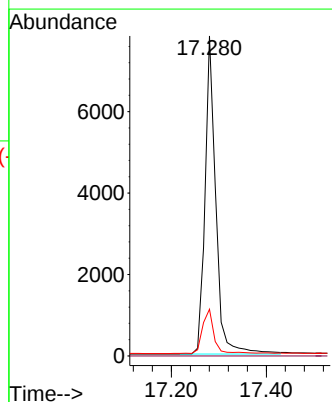
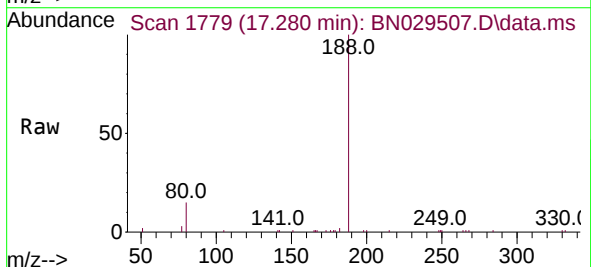
Instrument :  
BNA\_N  
ClientSampleId :

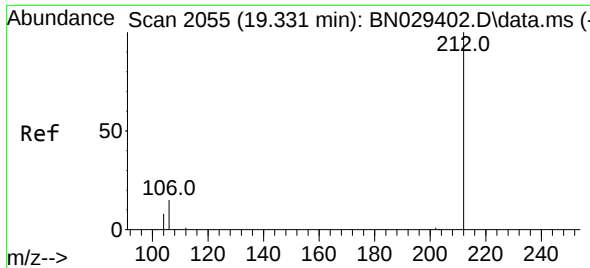
Tgt Ion:172 Resp: 10320  
Ion Ratio Lower Upper  
172 100  
171 33.8 28.0 42.0  
170 23.8 18.7 28.1



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.280 min Scan# 1779  
Delta R.T. -0.000 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

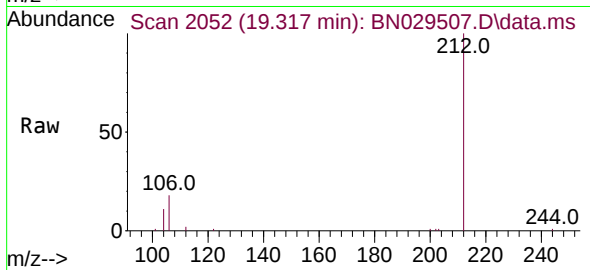
Tgt Ion:188 Resp: 12362  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 14.6 10.0 15.0



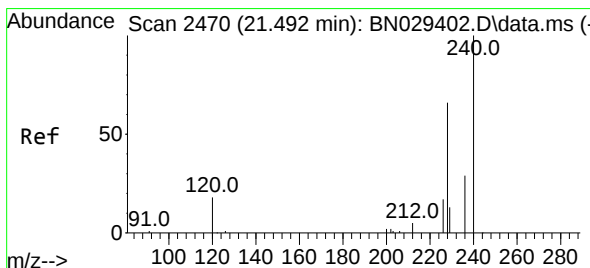
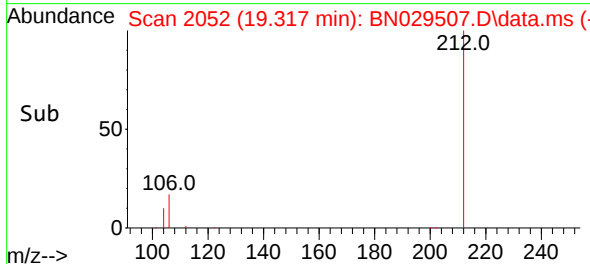
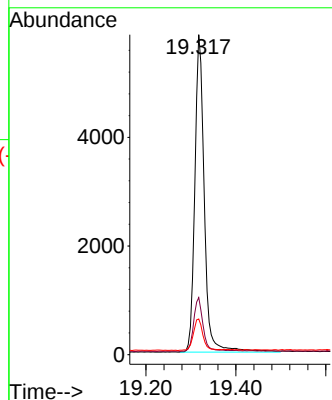


#27  
Fluoranthene-d10  
Concen: 0.287 ng  
RT: 19.317 min Scan# 2052  
Delta R.T. -0.005 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

Instrument :  
BNA\_N  
ClientSampleId :

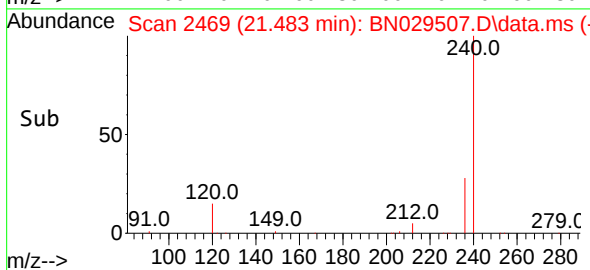
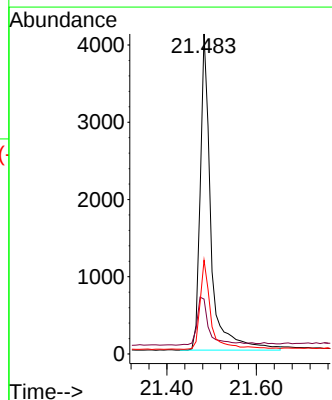
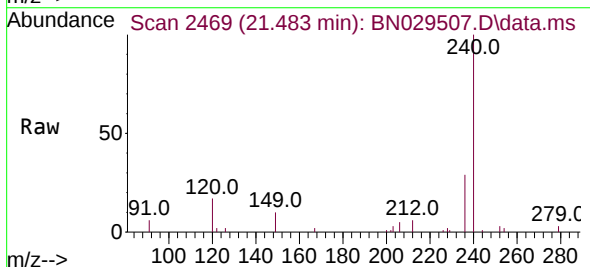


Tgt Ion:212 Resp: 8582  
Ion Ratio Lower Upper  
212 100  
106 16.9 13.2 19.8  
104 10.2 7.7 11.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.483 min Scan# 2469  
Delta R.T. -0.009 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

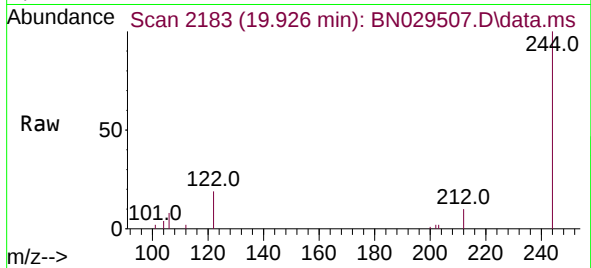
Tgt Ion:240 Resp: 6788  
Ion Ratio Lower Upper  
240 100  
120 17.2 16.7 25.1  
236 29.3 23.9 35.9





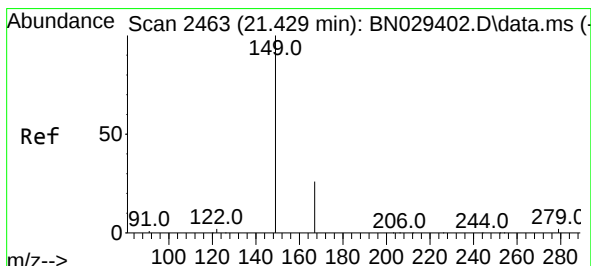
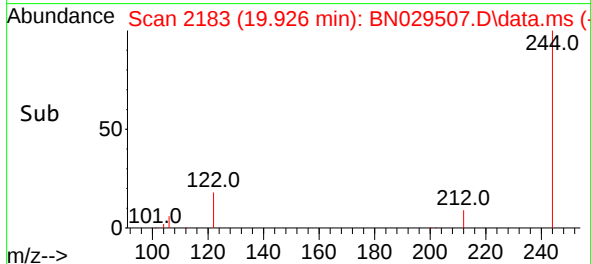
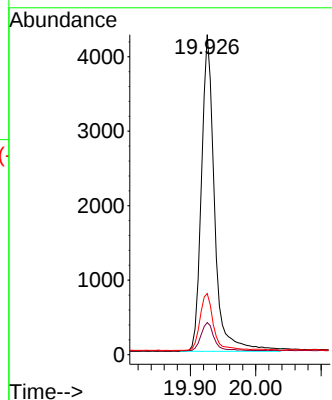
#31  
 Terphenyl-d14  
 Concen: 0.351 ng  
 RT: 19.926 min Scan# 2185  
 Delta R.T. -0.005 min  
 Lab File: BN029507.D  
 Acq: 05 Feb 2024 14:34

Instrument :  
 BNA\_N  
 ClientSampleId :



Tgt Ion:244 Resp: 5918

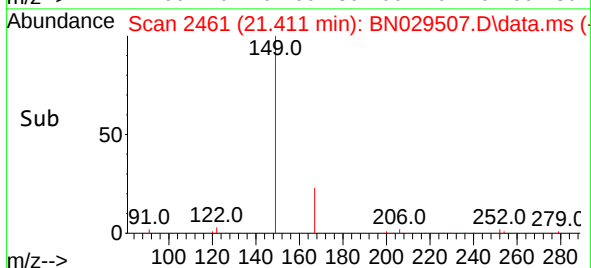
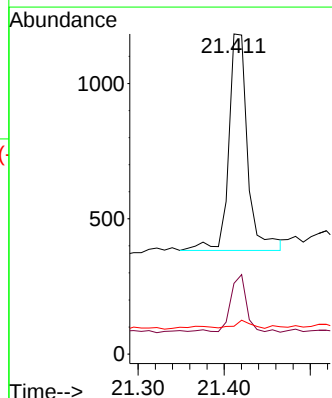
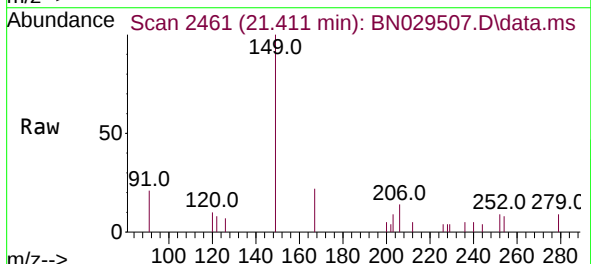
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 244 | 100   |       |       |
| 212 | 10.1  | 8.2   | 12.4  |
| 122 | 19.1  | 15.6  | 23.4  |

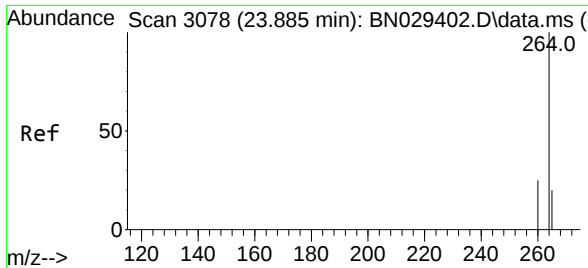


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.077 ng  
 RT: 21.411 min Scan# 2461  
 Delta R.T. -0.009 min  
 Lab File: BN029507.D  
 Acq: 05 Feb 2024 14:34

Tgt Ion:149 Resp: 1216

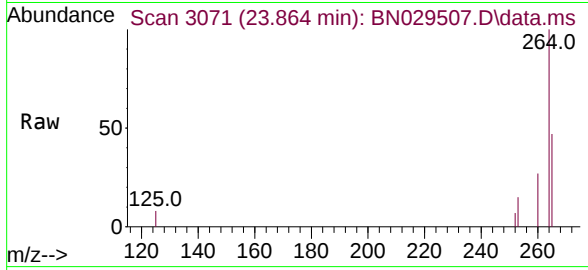
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 23.4  | 20.1  | 30.1  |
| 279 | 3.0   | 2.5   | 3.7   |





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.864 min Scan# 30  
Delta R.T. -0.006 min  
Lab File: BN029507.D  
Acq: 05 Feb 2024 14:34

Instrument :  
BNA\_N  
ClientSampleId :



Tgt Ion:264 Resp: 6924  
Ion Ratio Lower Upper  
264 100  
260 26.8 21.2 31.8  
265 47.2 41.5 62.3

