

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011924\  
 Data File : BN029300.D  
 Acq On : 19 Jan 2024 12:17  
 Operator : MA/JU  
 Sample : P1145-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-195-GW-50-52

Quant Time: Jan 19 13:17:49 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011824.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jan 18 16:49:42 2024  
 Response via : Initial Calibration

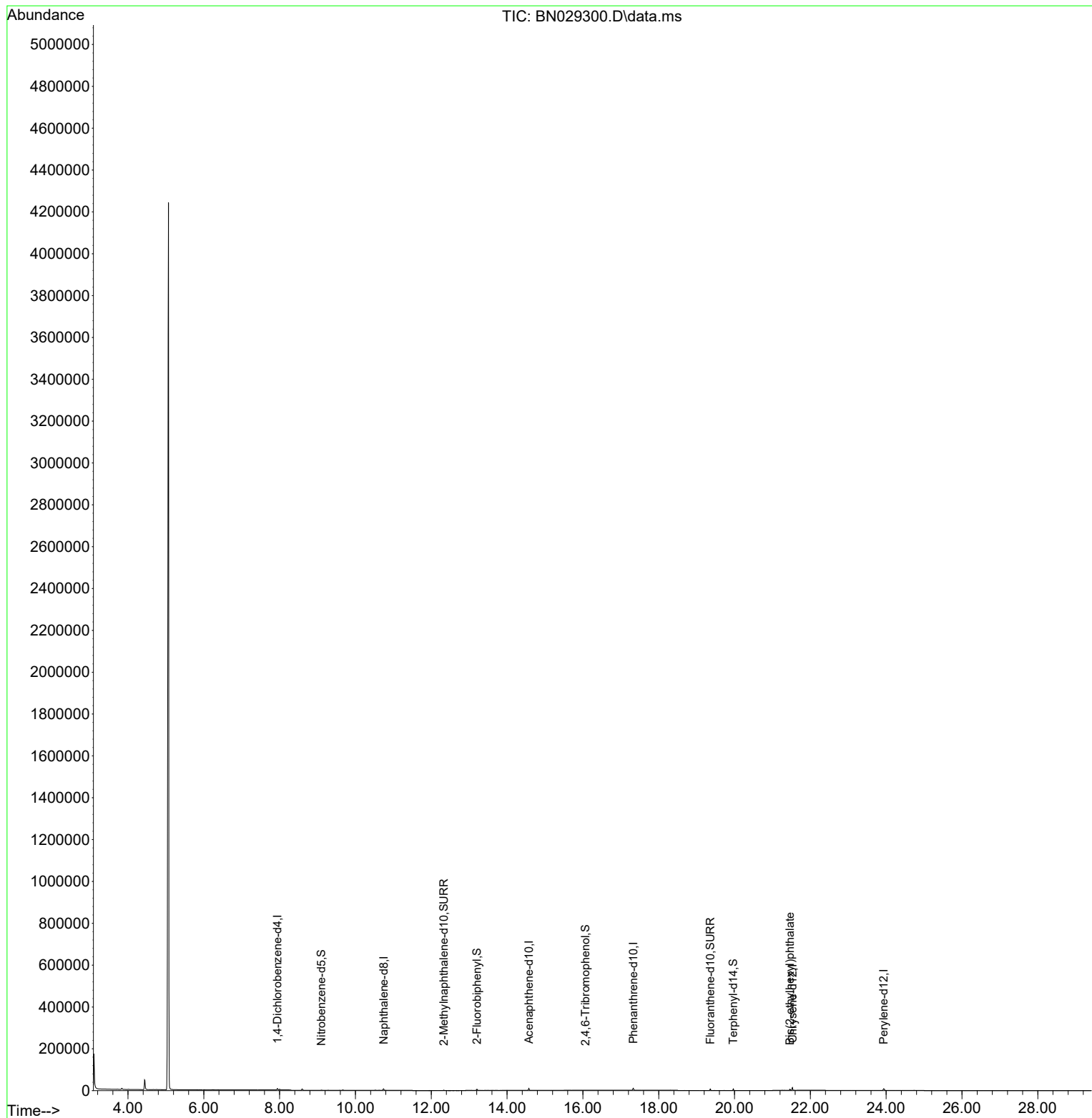
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.941  | 152  | 3309     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.744 | 136  | 9441     | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.575 | 164  | 5217     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.330 | 188  | 12830    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.528 | 240  | 11590    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.934 | 264  | 11893    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.514  | 112  | 92       | 0.011 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.103  | 99   | 66       | 0.006 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.099  | 82   | 965      | 0.110 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.329 | 152  | 2839     | 0.176 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.064 | 330  | 39       | 0.024 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.207 | 172  | 4660     | 0.192 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.364 | 212  | 9016     | 0.232 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.968 | 244  | 7687     | 0.264 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 34) Bis(2-ethylhexyl)phtha... | 21.465 | 149  | 5005     | 0.248 | ng    | 98       |
| -----                         |        |      |          |       |       |          |

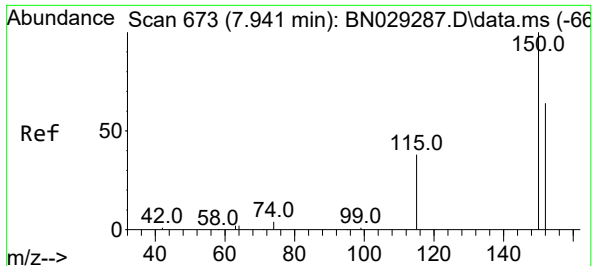
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN011924\  
Data File : BN029300.D  
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Instrument :  
BNA\_N  
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BP-VPB-195-GW-50-52

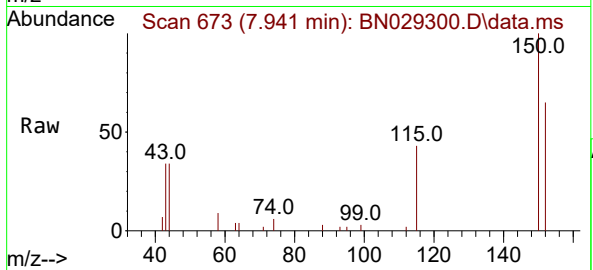
Quant Time: Jan 19 13:17:49 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN011824.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jan 18 16:49:42 2024  
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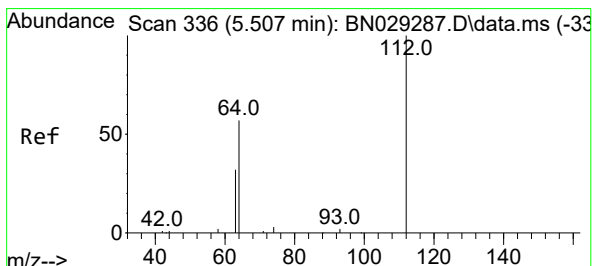
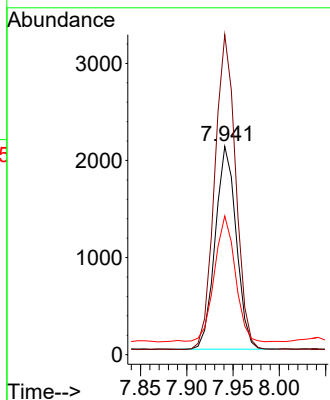
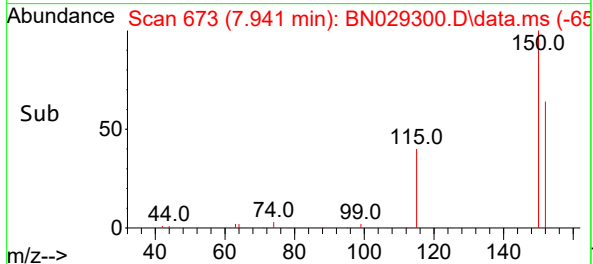


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.941 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BN029300.D  
Acq: 19 Jan 2024 12:17

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-195-GW-50-52

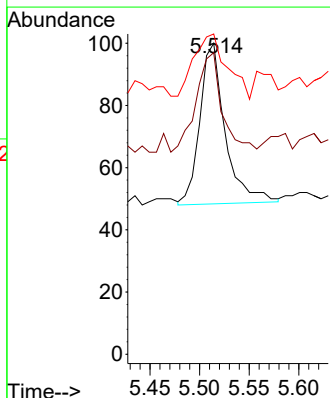
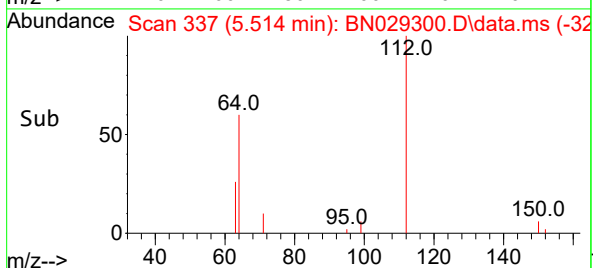
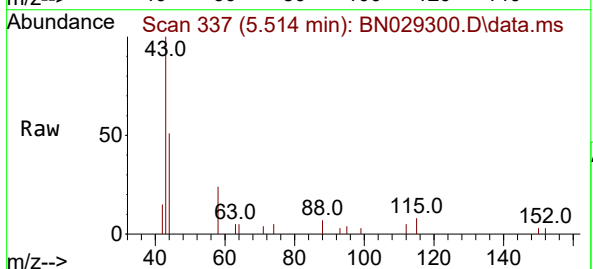


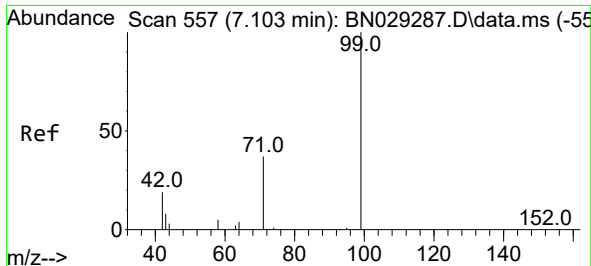
Tgt Ion:152 Resp: 3309  
Ion Ratio Lower Upper  
152 100  
150 153.6 124.6 186.8  
115 66.6 50.6 76.0



#4  
2-Fluorophenol  
Concen: 0.011 ng  
RT: 5.514 min Scan# 337  
Delta R.T. 0.007 min  
Lab File: BN029300.D  
Acq: 19 Jan 2024 12:17

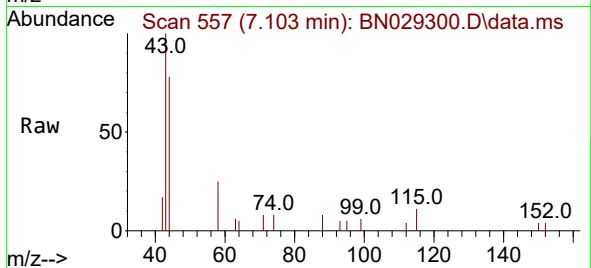
Tgt Ion:112 Resp: 92  
Ion Ratio Lower Upper  
112 100  
64 64.1 45.7 68.5  
63 55.4 26.6 39.8#



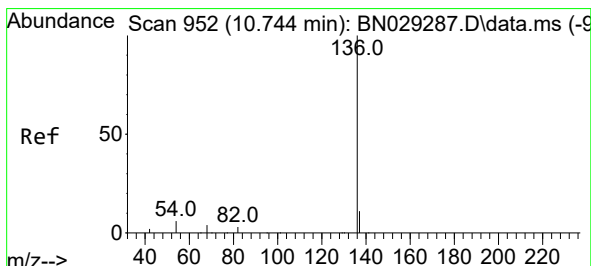
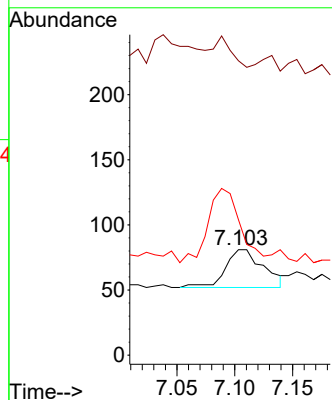
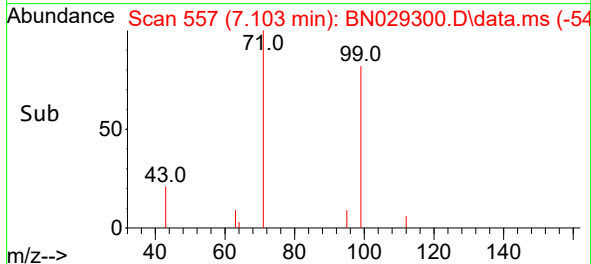


#5  
Phenol-d6  
Concen: 0.006 ng  
RT: 7.103 min Scan# 511  
Delta R.T. -0.000 min  
Lab File: BN029300.D  
Acq: 19 Jan 2024 12:17

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-195-GW-50-52

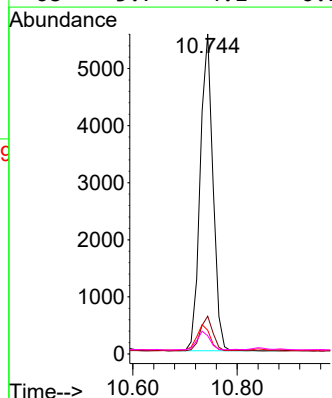
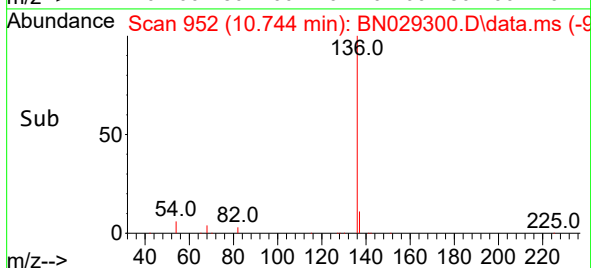
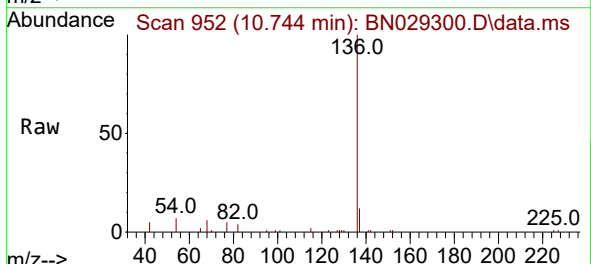


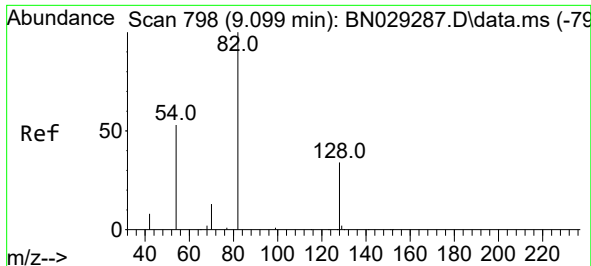
Tgt Ion: 99 Resp: 66  
Ion Ratio Lower Upper  
99 100  
42 37.9 19.1 28.7#  
71 178.8 31.2 46.8#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.744 min Scan# 952  
Delta R.T. -0.000 min  
Lab File: BN029300.D  
Acq: 19 Jan 2024 12:17

Tgt Ion: 136 Resp: 9441  
Ion Ratio Lower Upper  
136 100  
137 11.8 8.9 13.3  
54 7.4 5.2 7.8  
68 5.7 4.1 6.1

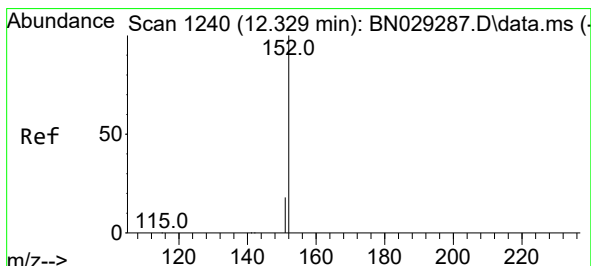
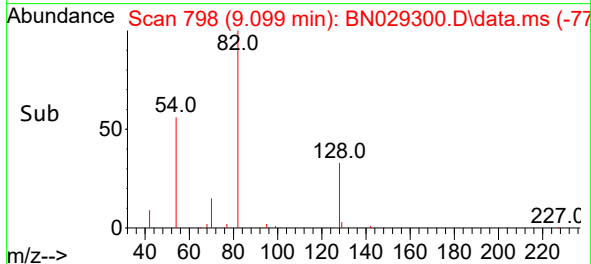
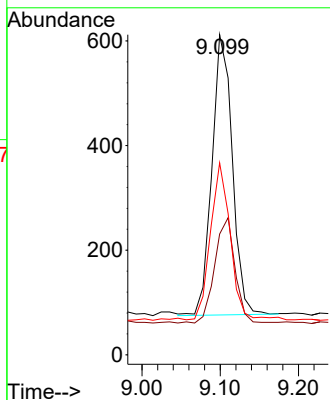
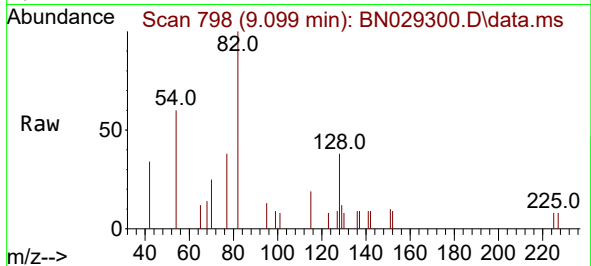




#8  
 Nitrobenzene-d5  
 Concen: 0.110 ng  
 RT: 9.099 min Scan# 798  
 Delta R.T. -0.000 min  
 Lab File: BN029300.D  
 Acq: 19 Jan 2024 12:17

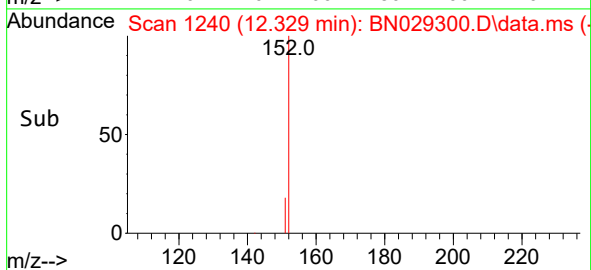
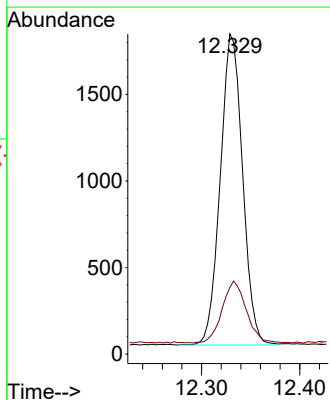
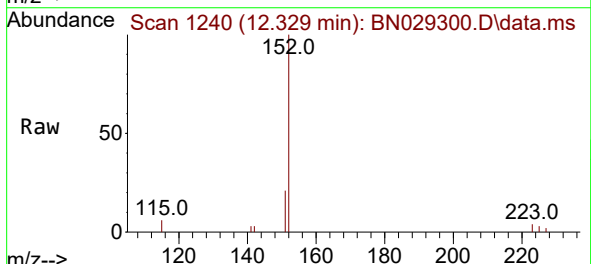
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-195-GW-50-52

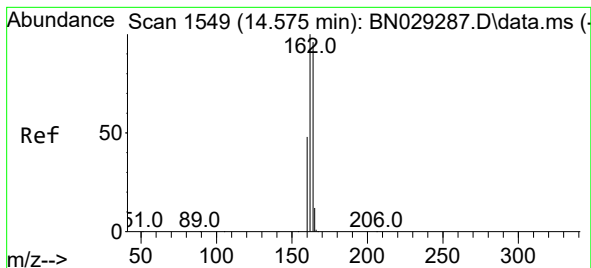
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 965   |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.7  | 28.6  | 43.0  |
| 54       | 60.0  | 42.9  | 64.3  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.176 ng  
 RT: 12.329 min Scan# 1240  
 Delta R.T. -0.000 min  
 Lab File: BN029300.D  
 Acq: 19 Jan 2024 12:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 2839  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 21.5  | 16.6  | 24.8  |





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.575 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BN029300.D

Acq: 19 Jan 2024 12:17

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-195-GW-50-52

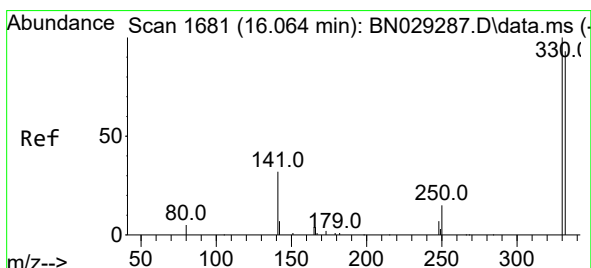
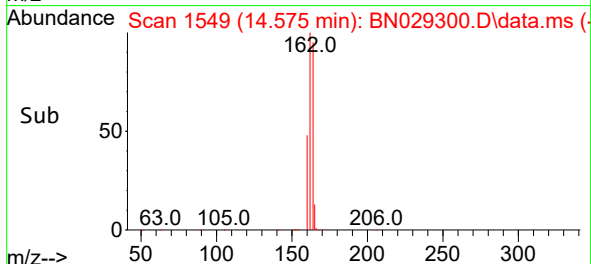
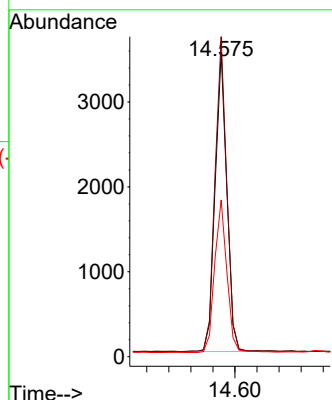
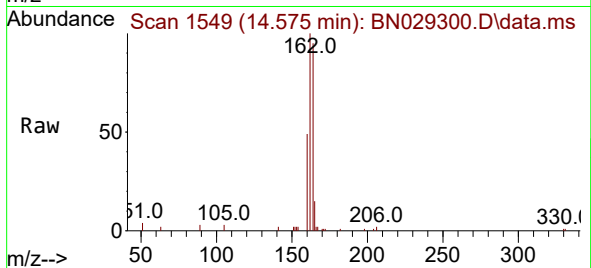
Tgt Ion:164 Resp: 5217

Ion Ratio Lower Upper

164 100

162 105.1 83.4 125.2

160 51.5 40.6 61.0



#14

2,4,6-Tribromophenol

Concen: 0.024 ng

RT: 16.064 min Scan# 1681

Delta R.T. -0.000 min

Lab File: BN029300.D

Acq: 19 Jan 2024 12:17

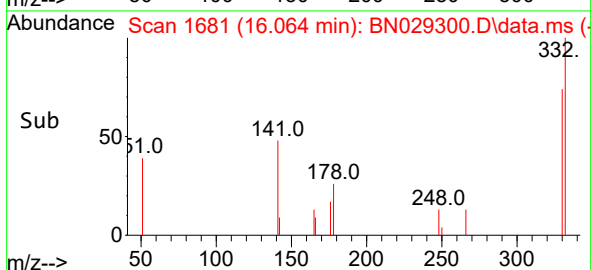
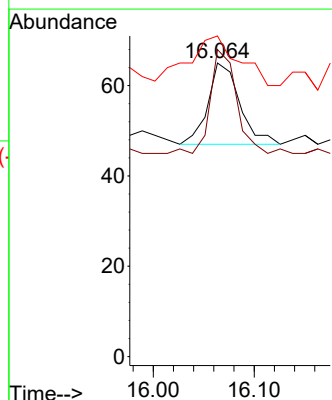
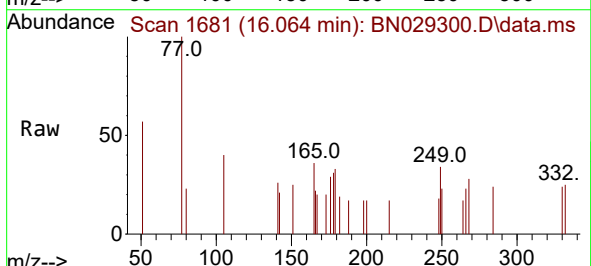
Tgt Ion:330 Resp: 39

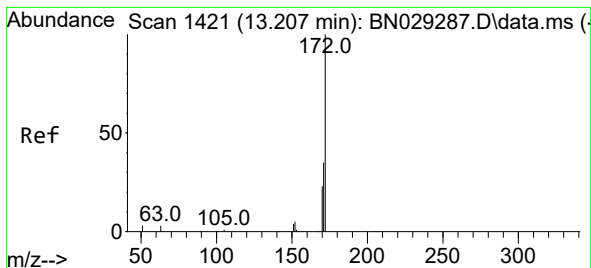
Ion Ratio Lower Upper

330 100

332 107.7 77.0 115.6

141 107.7 34.3 51.5#





#15

2-Fluorobiphenyl

Concen: 0.192 ng

RT: 13.207 min Scan# 1421

Delta R.T. -0.000 min

Lab File: BN029300.D

Acq: 19 Jan 2024 12:17

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-195-GW-50-52

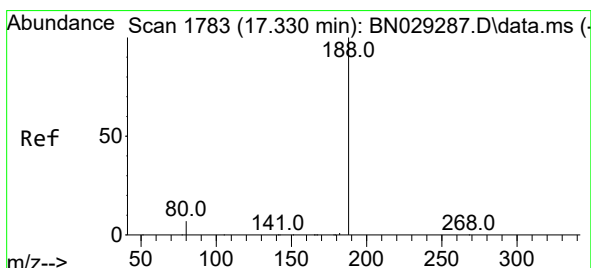
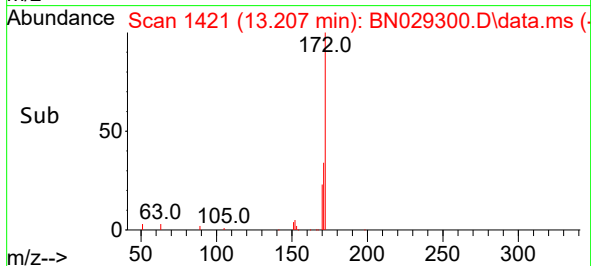
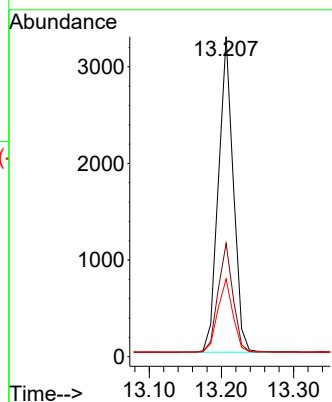
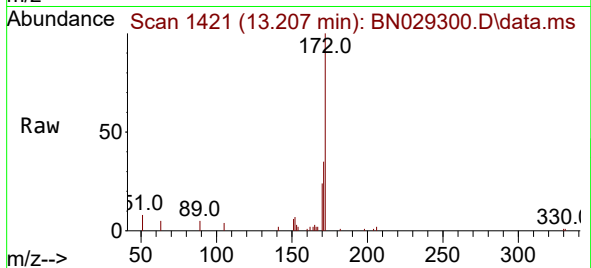
Tgt Ion:172 Resp: 4660

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 24.3 18.7 28.1



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.330 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BN029300.D

Acq: 19 Jan 2024 12:17

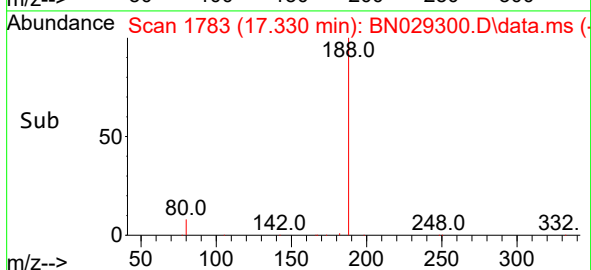
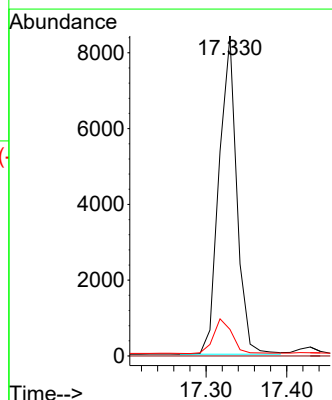
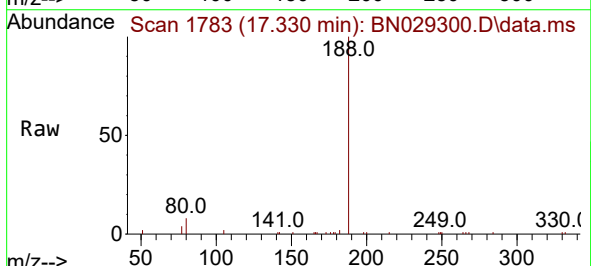
Tgt Ion:188 Resp: 12830

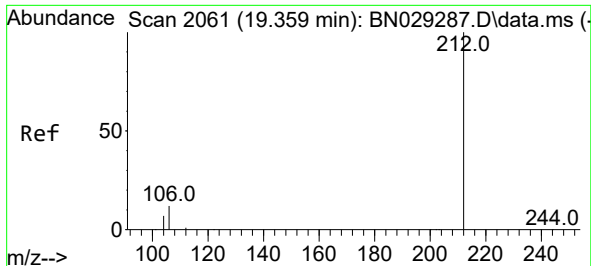
Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 8.3 5.7 8.5

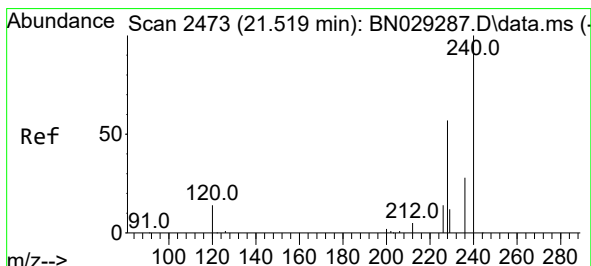
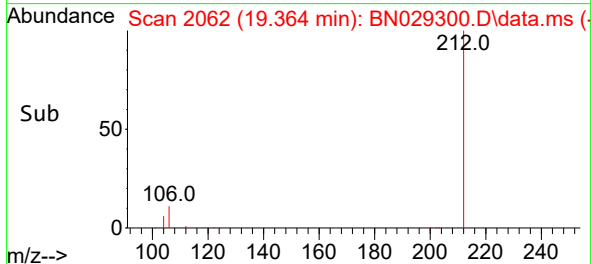
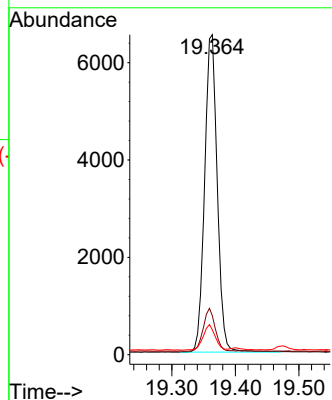
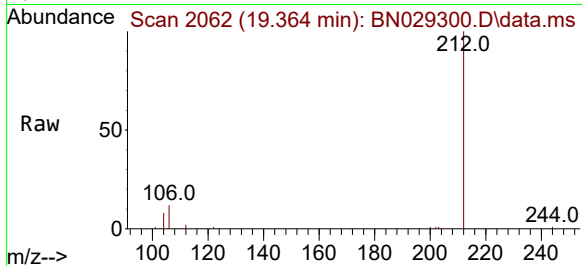




#27  
Fluoranthene-d10  
Concen: 0.232 ng  
RT: 19.364 min Scan# 2062  
Delta R.T. 0.005 min  
Lab File: BN029300.D  
Acq: 19 Jan 2024 12:17

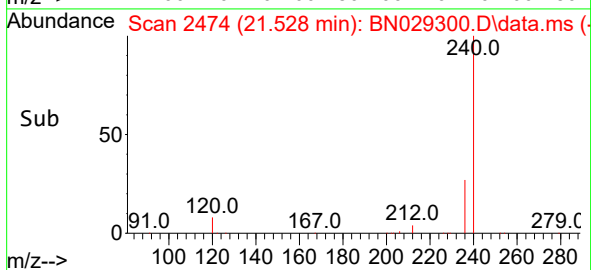
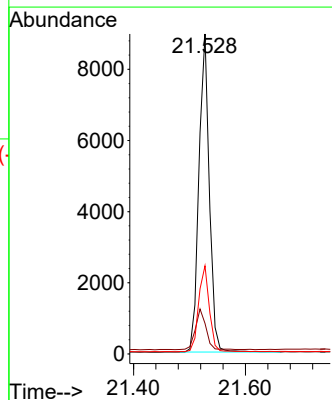
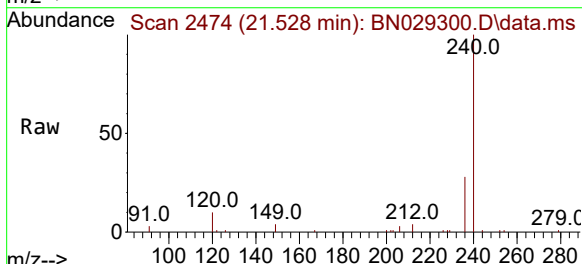
Instrument :  
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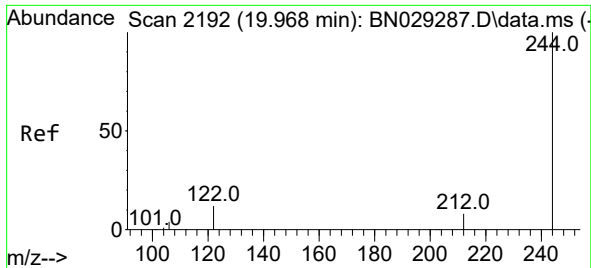
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 212     | 100   |       |       |
| 106     | 12.9  | 9.9   | 14.9  |
| 104     | 7.7   | 5.8   | 8.8   |



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.528 min Scan# 2474  
Delta R.T. 0.009 min  
Lab File: BN029300.D  
Acq: 19 Jan 2024 12:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 9.5   | 11.8  | 17.8  |
| 236     | 27.6  | 22.7  | 34.1  |

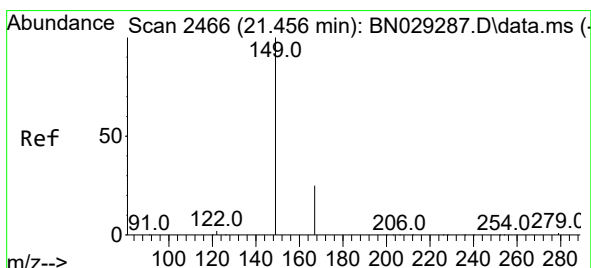
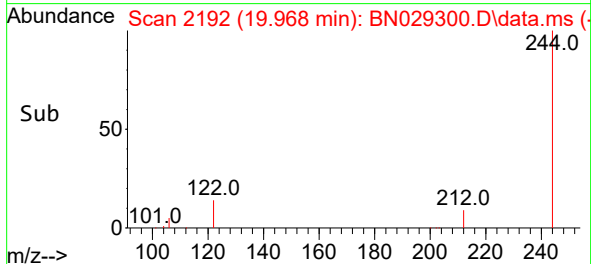
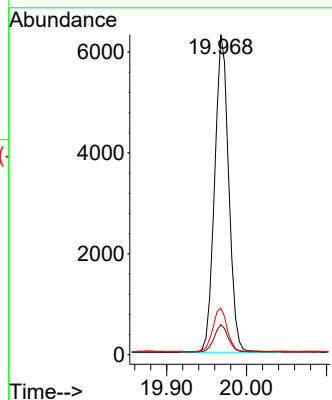
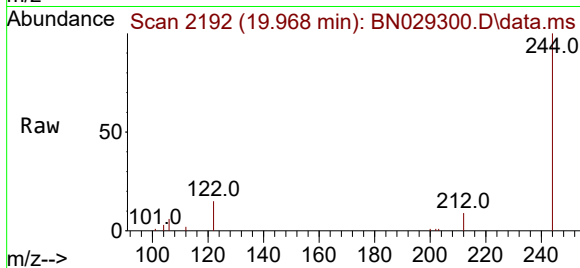




#31  
 Terphenyl-d14  
 Concen: 0.264 ng  
 RT: 19.968 min Scan# 2192  
 Delta R.T. -0.000 min  
 Lab File: BN029300.D  
 Acq: 19 Jan 2024 12:17

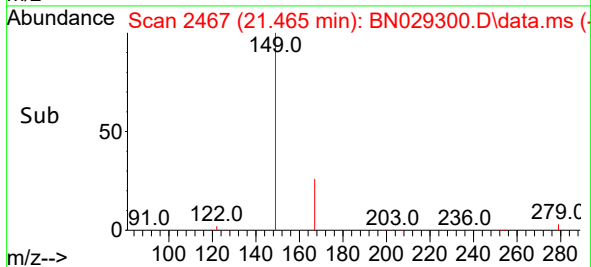
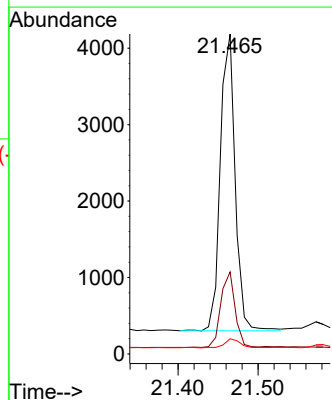
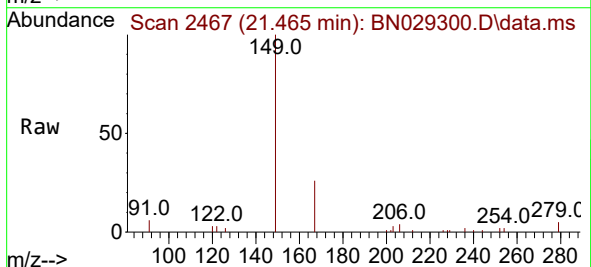
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-195-GW-50-52

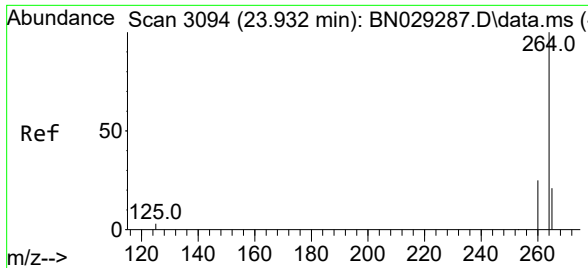
Tgt Ion:244 Resp: 7687  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.0 10.4  
 122 14.5 10.2 15.4



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.248 ng  
 RT: 21.465 min Scan# 2467  
 Delta R.T. 0.009 min  
 Lab File: BN029300.D  
 Acq: 19 Jan 2024 12:17

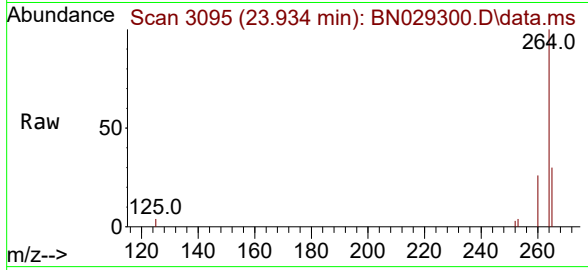
Tgt Ion:149 Resp: 5005  
 Ion Ratio Lower Upper  
 149 100  
 167 24.4 20.3 30.5  
 279 3.2 2.6 4.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.934 min Scan# 3095  
Delta R.T. 0.003 min  
Lab File: BN029300.D  
Acq: 19 Jan 2024 12:17

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-195-GW-50-52



Tgt Ion:264 Resp: 11893

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.3  | 20.7  | 31.1  |
| 265 | 30.4  | 21.4  | 32.0  |

