

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN013124\  
 Data File : BN029466.D  
 Acq On : 01 Feb 2024 01:59  
 Operator : MA/JU  
 Sample : P1288-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-191-GW-558-560

Quant Time: Feb 01 03:08:00 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

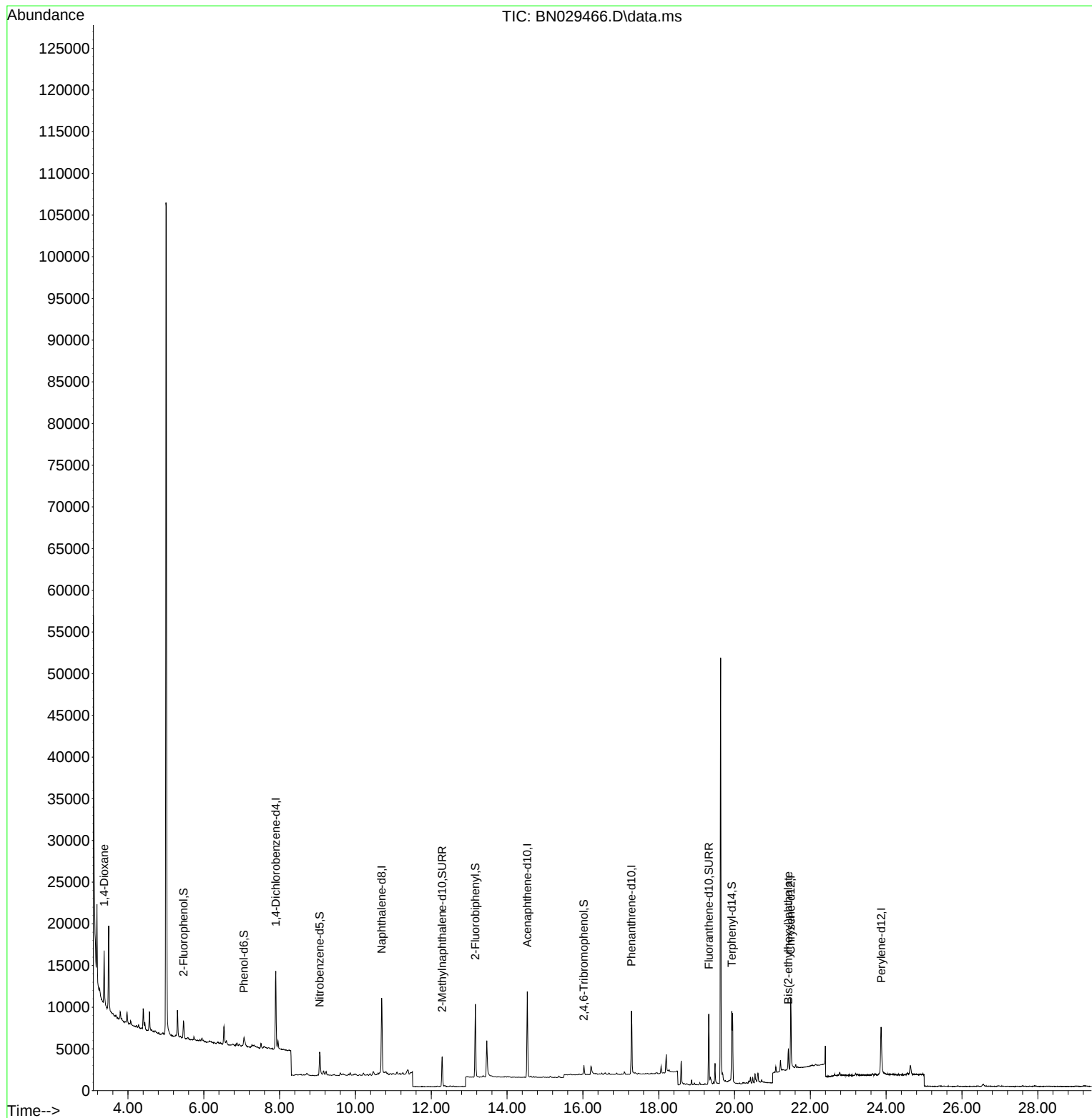
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.898  | 152  | 4572     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.690 | 136  | 12538    | 0.400 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.532 | 164  | 5638     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.280 | 188  | 10874    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.483 | 240  | 8739     | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.867 | 264  | 9021     | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.464  | 112  | 1598     | 0.145 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.060  | 99   | 1092     | 0.086 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.057  | 82   | 2883     | 0.276 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.287 | 152  | 5102     | 0.299 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.026 | 330  | 596      | 0.329 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.164 | 172  | 7602     | 0.314 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.322 | 212  | 9348     | 0.355 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.926 | 244  | 7651     | 0.353 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.369  | 88   | 4093     | 0.636 | ng    | # 85     |
| 34) Bis(2-ethylhexyl)phtha... | 21.420 | 149  | 2761     | 0.136 | ng    | 96       |
| -----                         |        |      |          |       |       |          |

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

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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

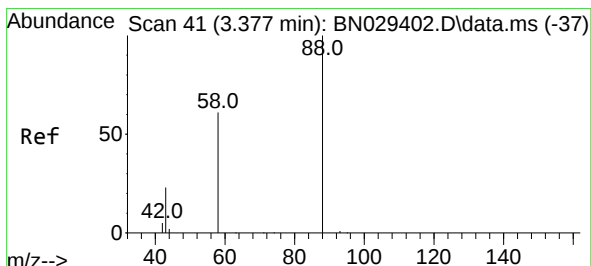
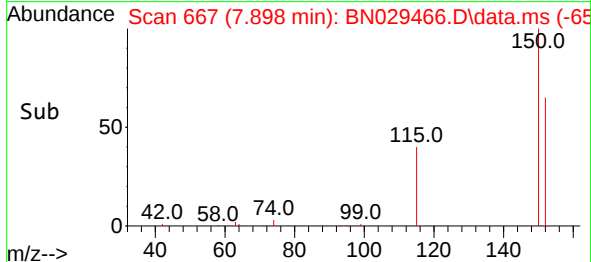
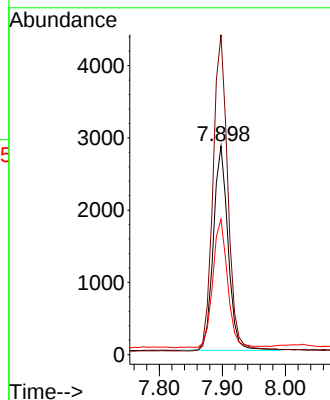
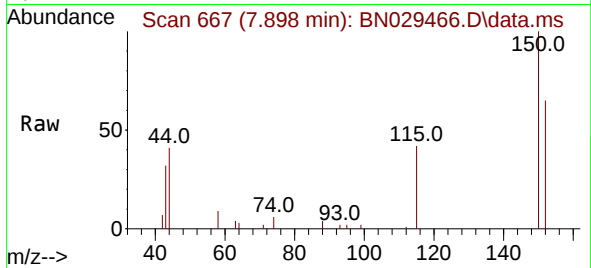




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.898 min Scan# 6  
 Delta R.T. -0.000 min  
 Lab File: BN029466.D  
 Acq: 01 Feb 2024 01:59

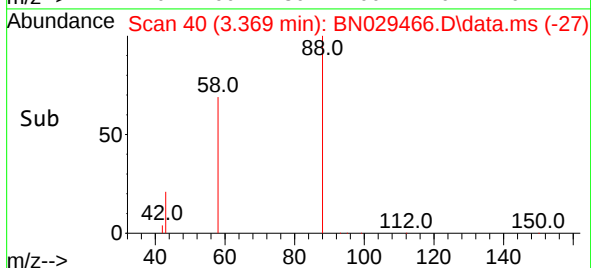
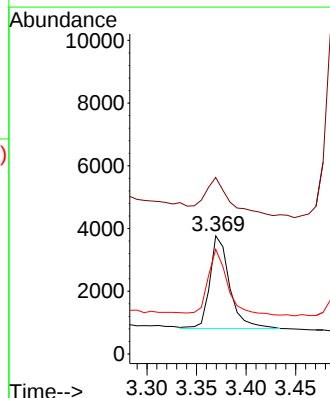
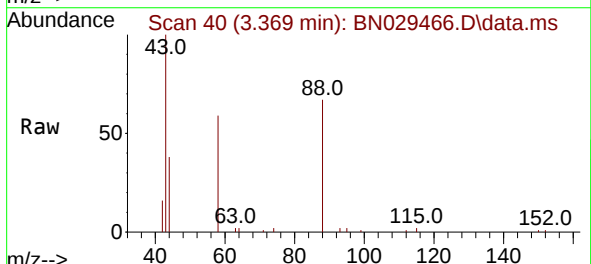
Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-191-GW-558-560

Tgt Ion:152 Resp: 4572  
 Ion Ratio Lower Upper  
 152 100  
 150 153.4 123.0 184.4  
 115 64.9 51.4 77.0



#2  
 1,4-Dioxane  
 Concen: 0.636 ng  
 RT: 3.369 min Scan# 40  
 Delta R.T. -0.007 min  
 Lab File: BN029466.D  
 Acq: 01 Feb 2024 01:59

Tgt Ion: 88 Resp: 4093  
 Ion Ratio Lower Upper  
 88 100  
 43 52.2 23.3 34.9#  
 58 69.7 53.8 80.6





#4

2-Fluorophenol

Concen: 0.145 ng

RT: 5.464 min Scan# 31

Delta R.T. -0.000 min

Lab File: BN029466.D

Acq: 01 Feb 2024 01:59

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-191-GW-558-560

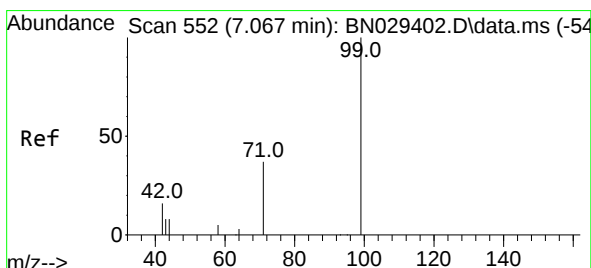
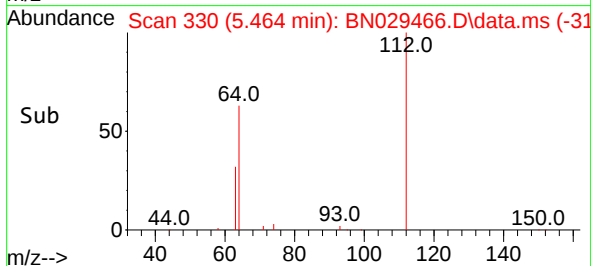
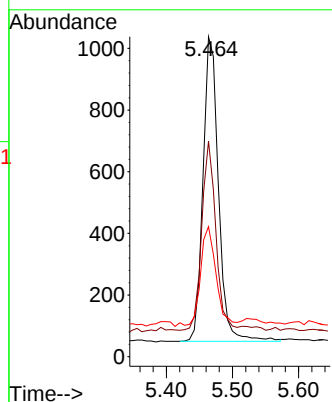
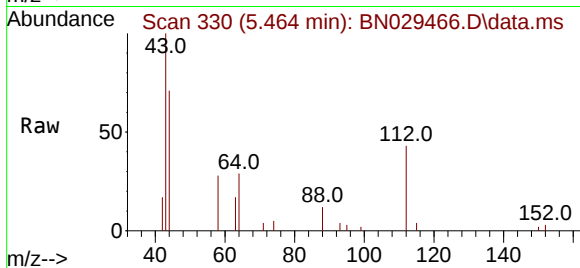
Tgt Ion:112 Resp: 1598

Ion Ratio Lower Upper

112 100

64 56.4 47.2 70.8

63 32.1 25.8 38.6



#5

Phenol-d6

Concen: 0.086 ng

RT: 7.060 min Scan# 551

Delta R.T. -0.000 min

Lab File: BN029466.D

Acq: 01 Feb 2024 01:59

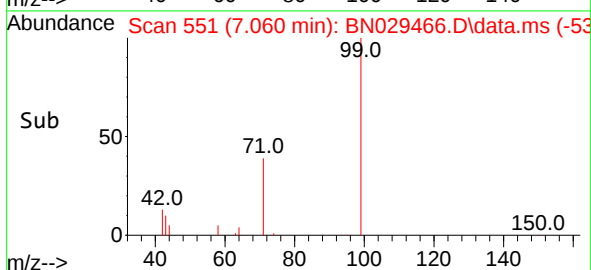
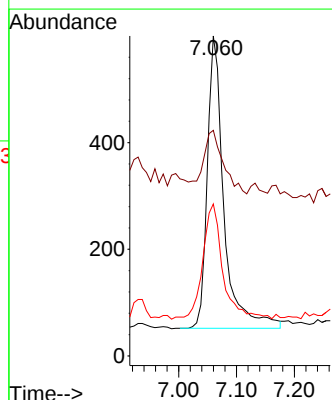
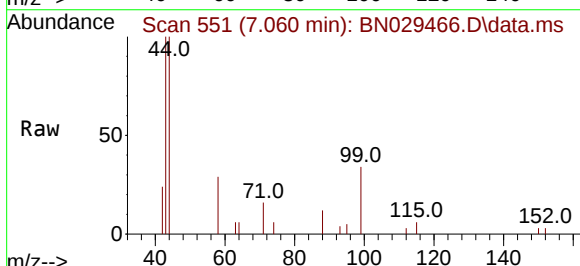
Tgt Ion: 99 Resp: 1092

Ion Ratio Lower Upper

99 100

42 24.7 16.9 25.3

71 47.9 30.0 45.0#

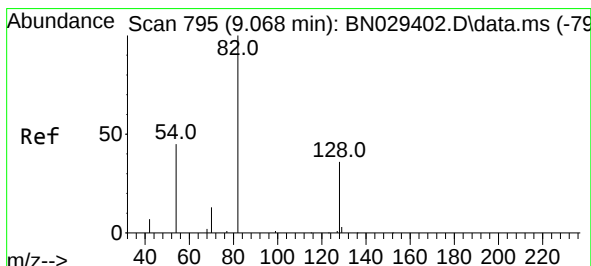
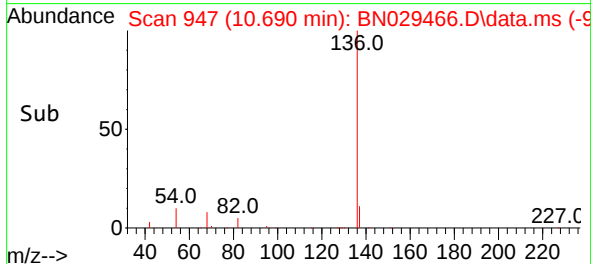
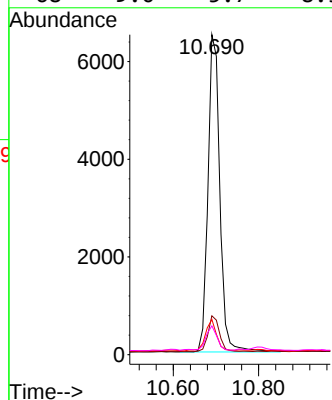
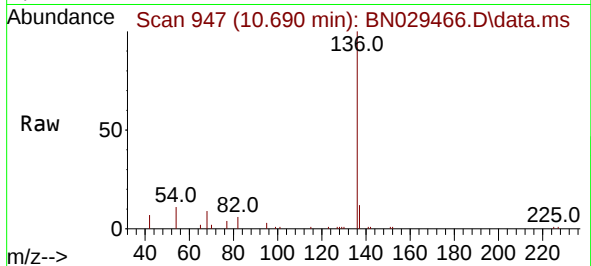




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.690 min Scan# 948  
Delta R.T. -0.000 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

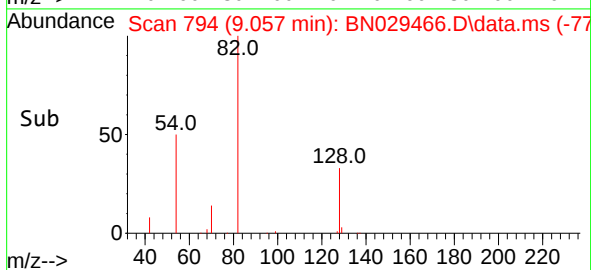
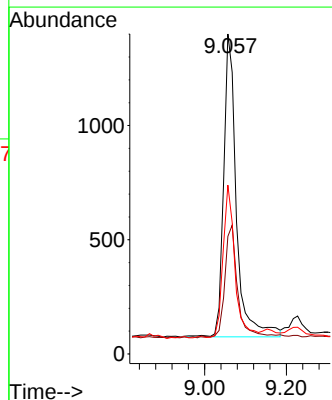
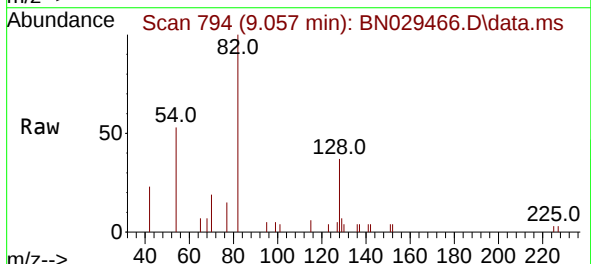
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-558-560

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 12538 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 12.2  | 9.7   | 14.5  |
| 54        | 11.0  | 6.6   | 10.0# |
| 68        | 9.0   | 5.7   | 8.5#  |



#8  
Nitrobenzene-d5  
Concen: 0.276 ng  
RT: 9.057 min Scan# 794  
Delta R.T. -0.000 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 2883 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 36.8  | 31.6  | 47.4 |
| 54        | 52.7  | 38.2  | 57.4 |

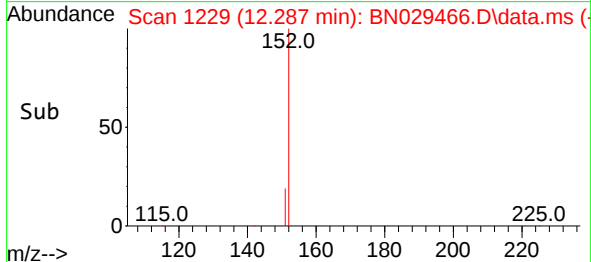
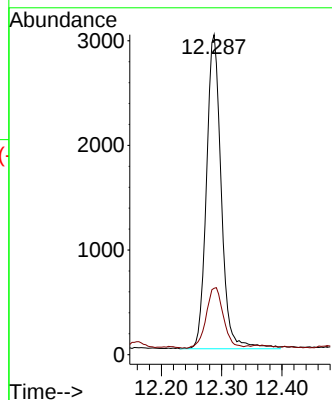
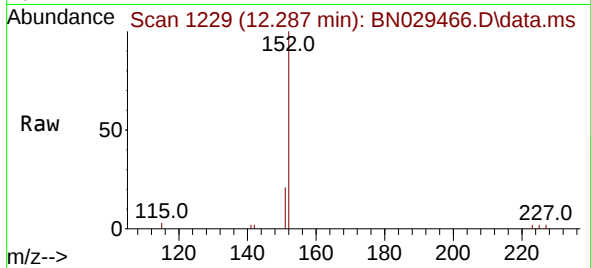




#11  
2-Methylnaphthalene-d10  
Concen: 0.299 ng  
RT: 12.287 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

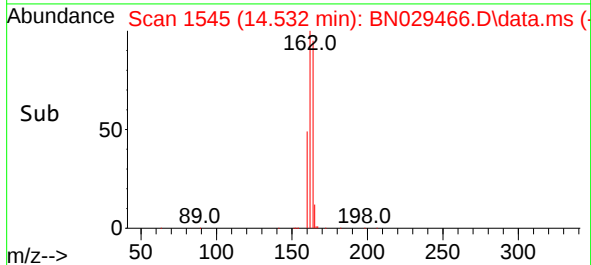
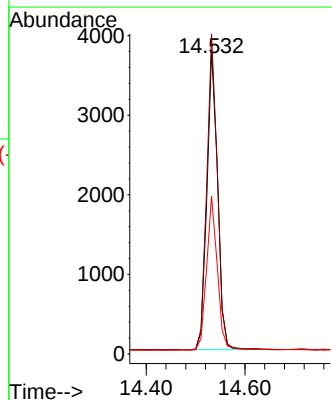
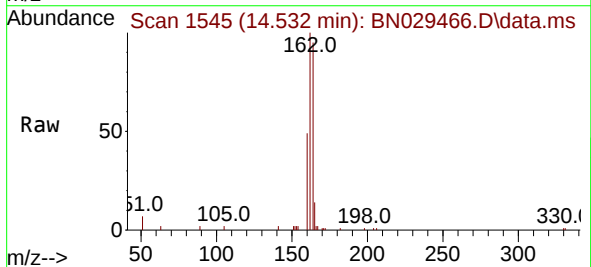
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-558-560

Tgt Ion:152 Resp: 5102  
Ion Ratio Lower Upper  
152 100  
151 22.7 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: BN029466.D  
Acq: 01 Feb 2024 01:59

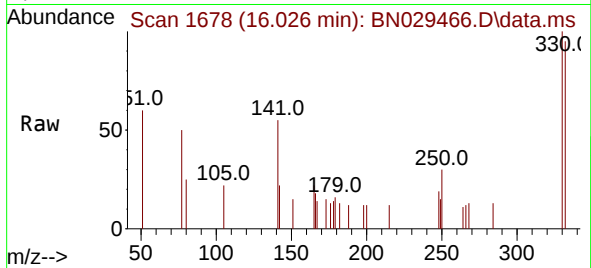
Tgt Ion:164 Resp: 5638  
Ion Ratio Lower Upper  
164 100  
162 105.5 82.6 123.8  
160 52.0 41.5 62.3



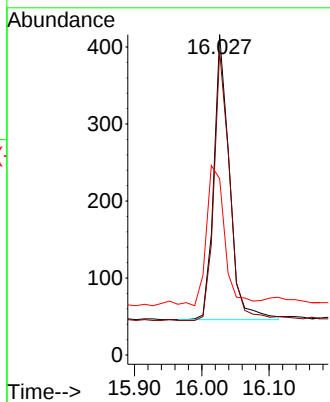
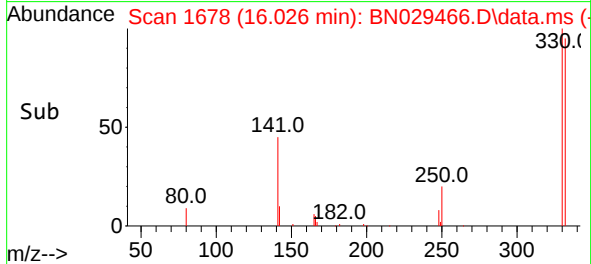


#14  
2,4,6-Tribromophenol  
Concen: 0.329 ng  
RT: 16.026 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-558-560

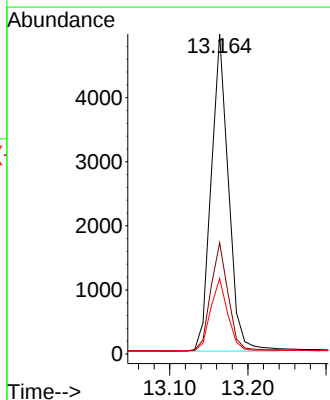
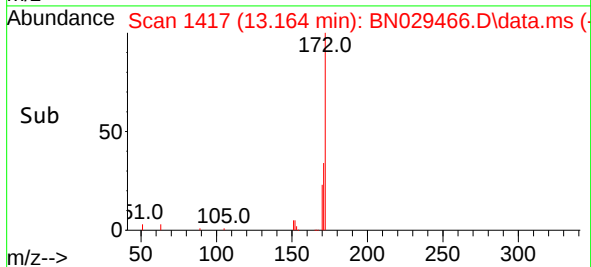
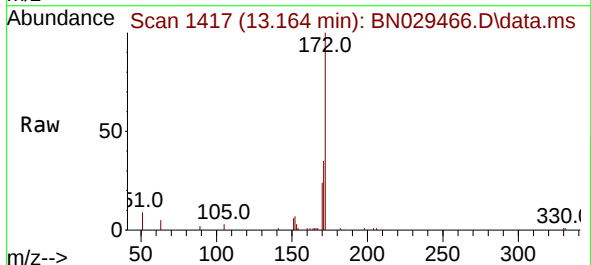


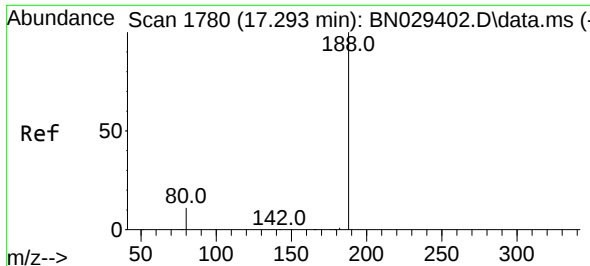
Tgt Ion:330 Resp: 596  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.0 114.0  
141 55.2 43.4 65.2



#15  
2-Fluorobiphenyl  
Concen: 0.314 ng  
RT: 13.164 min Scan# 1417  
Delta R.T. -0.000 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

Tgt Ion:172 Resp: 7602  
Ion Ratio Lower Upper  
172 100  
171 34.7 28.0 42.0  
170 23.6 18.7 28.1

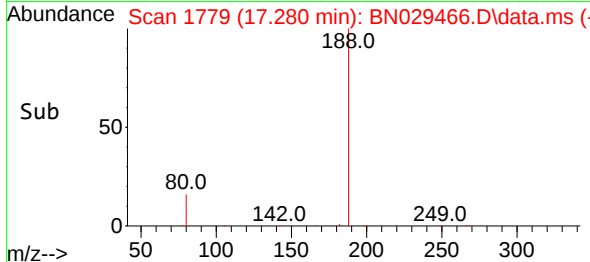
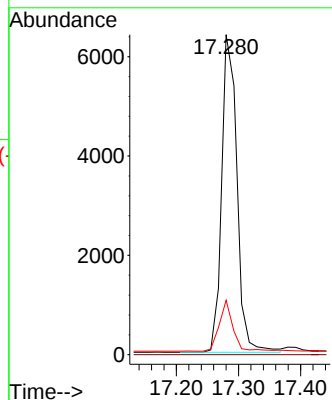
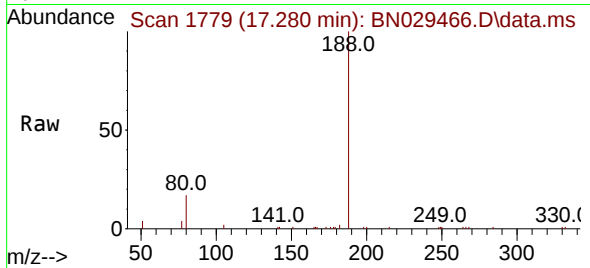




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.280 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

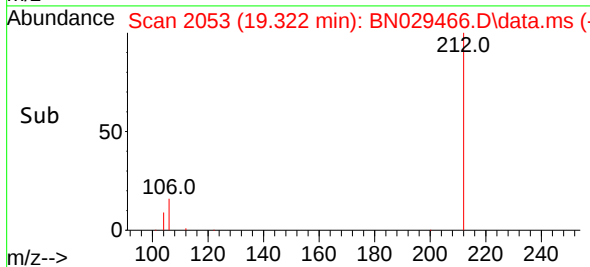
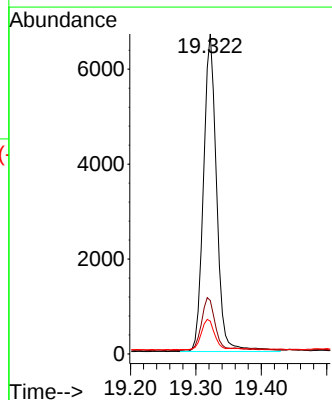
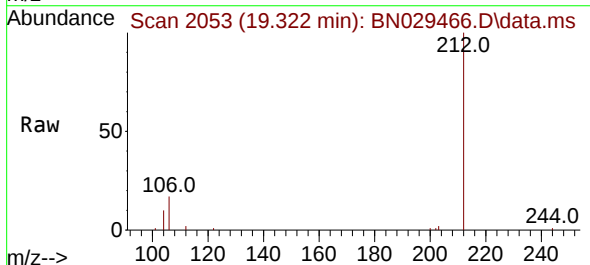
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-558-560

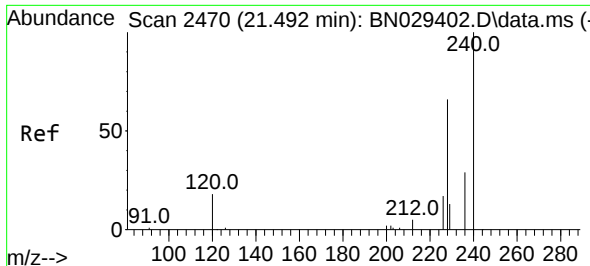
Tgt Ion:188 Resp: 10874  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 17.0 10.0 15.0#



#27  
Fluoranthene-d10  
Concen: 0.355 ng  
RT: 19.322 min Scan# 2053  
Delta R.T. -0.000 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

Tgt Ion:212 Resp: 9348  
Ion Ratio Lower Upper  
212 100  
106 17.1 13.2 19.8  
104 9.4 7.7 11.5

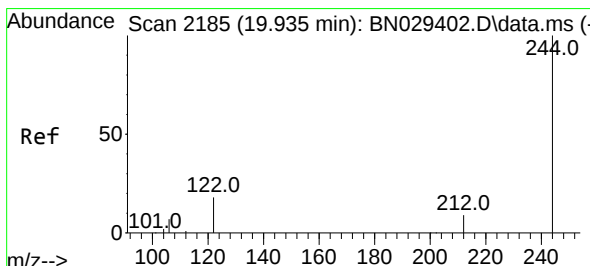
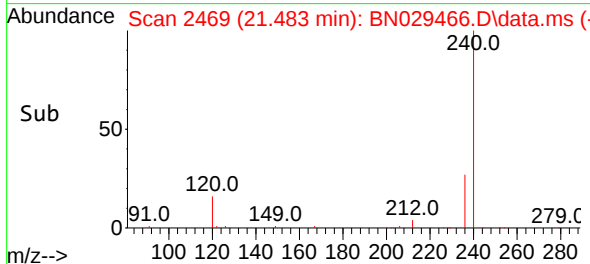
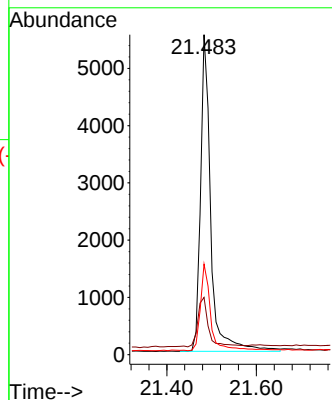
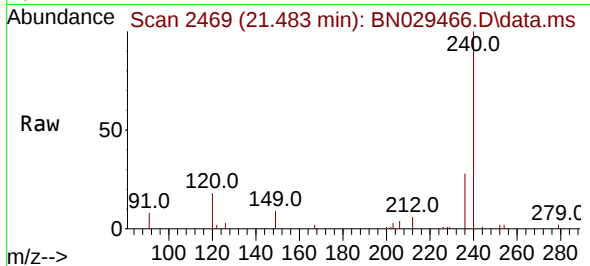




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.483 min Scan# 2469  
Delta R.T. -0.009 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

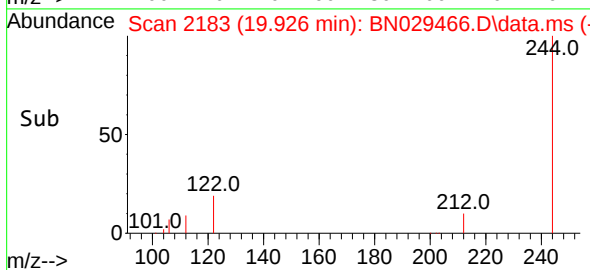
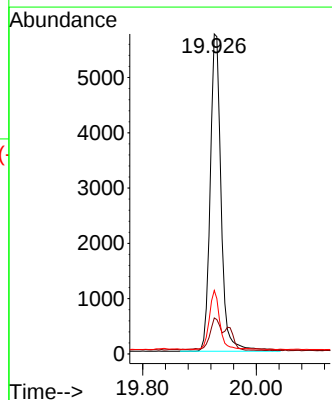
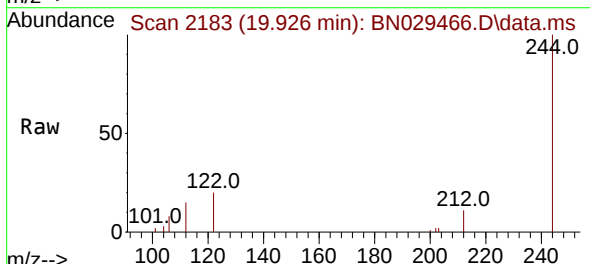
Instrument :  
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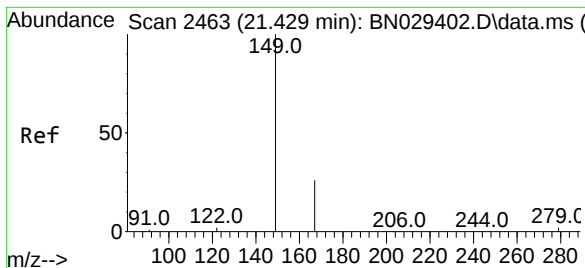
Tgt Ion:240 Resp: 8739  
Ion Ratio Lower Upper  
240 100  
120 17.9 16.7 25.1  
236 28.3 23.9 35.9



#31  
Terphenyl-d14  
Concen: 0.353 ng  
RT: 19.926 min Scan# 2183  
Delta R.T. -0.005 min  
Lab File: BN029466.D  
Acq: 01 Feb 2024 01:59

Tgt Ion:244 Resp: 7651  
Ion Ratio Lower Upper  
244 100  
212 11.2 8.2 12.4  
122 19.9 15.6 23.4





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.136 ng

RT: 21.420 min Scan# 2462

Delta R.T. -0.000 min

Lab File: BN029466.D

Acq: 01 Feb 2024 01:59

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-191-GW-558-560

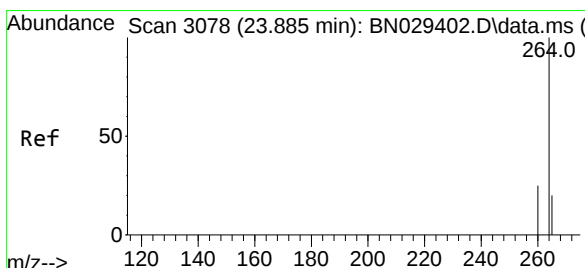
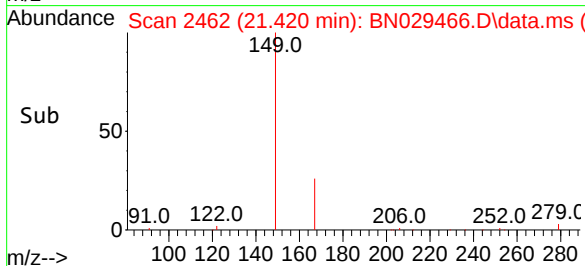
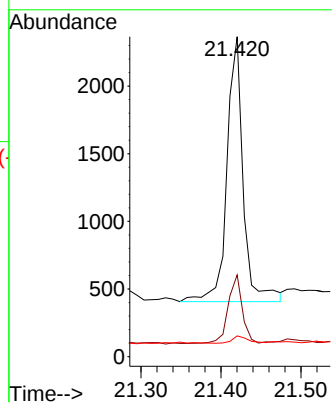
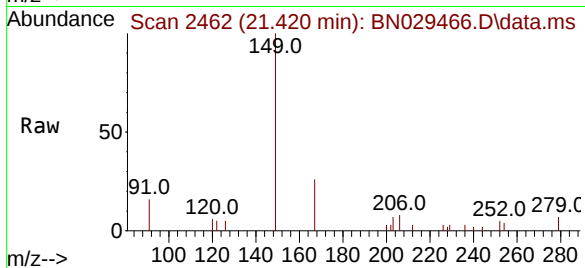
Tgt Ion:149 Resp: 2761

Ion Ratio Lower Upper

149 100

167 22.8 20.1 30.1

279 2.7 2.5 3.7



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.867 min Scan# 3072

Delta R.T. -0.003 min

Lab File: BN029466.D

Acq: 01 Feb 2024 01:59

Tgt Ion:264 Resp: 9021

Ion Ratio Lower Upper

264 100

260 26.2 21.2 31.8

265 42.0 41.5 62.3

