

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012324\  
 Data File : BN029367.D  
 Acq On : 24 Jan 2024 04:12  
 Operator : MA/JU  
 Sample : P1222-05  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-191-GW-398-400

Quant Time: Jan 24 04:40:37 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012224.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 23 02:16:14 2024  
 Response via : Initial Calibration

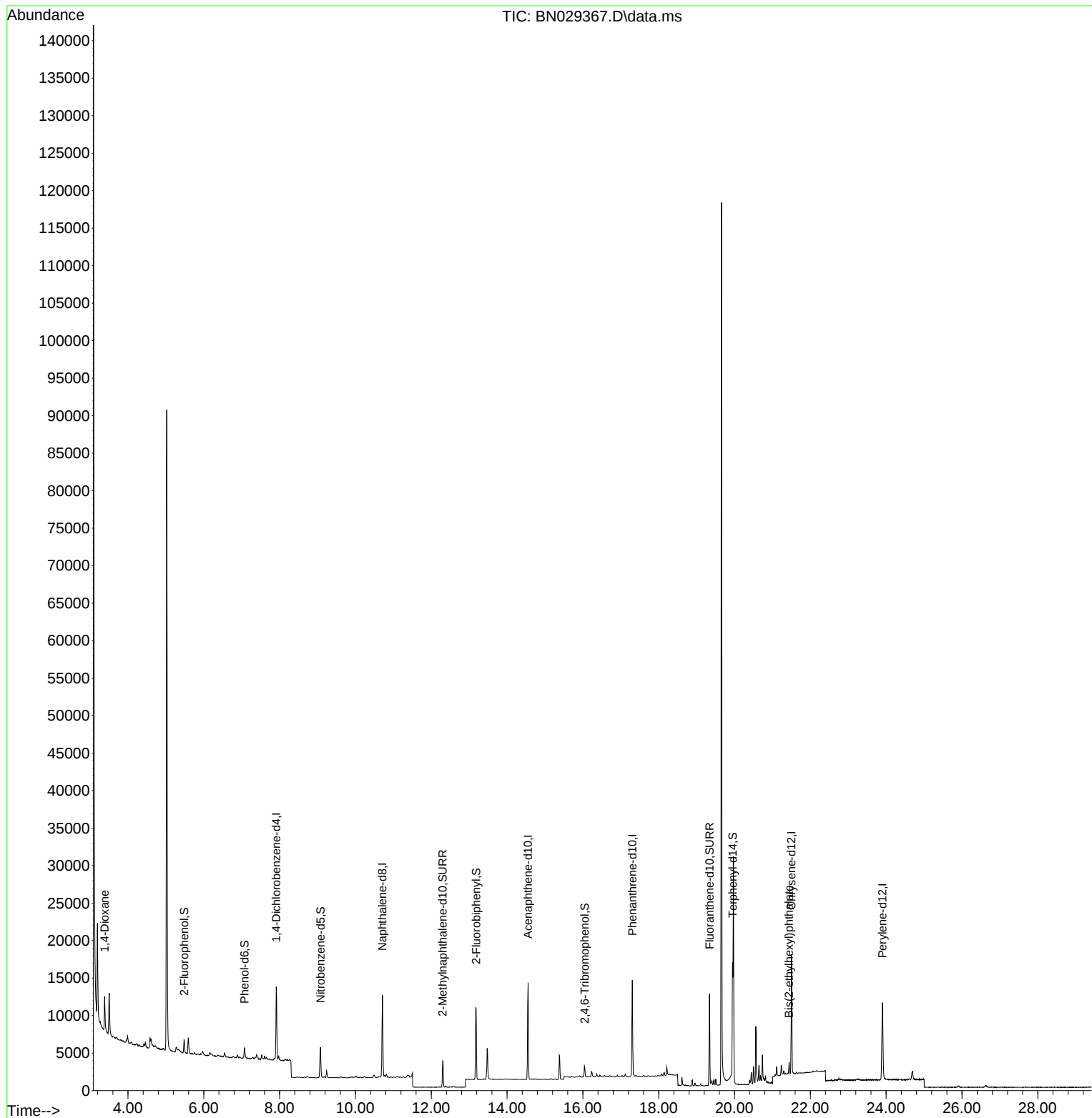
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.912  | 152  | 4594     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.712 | 136  | 13510    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.554 | 164  | 7144     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.305 | 188  | 16220    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.501 | 240  | 14740    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.902 | 264  | 14769    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.486  | 112  | 1365     | 0.112 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.074  | 99   | 1232     | 0.076 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.078  | 82   | 3289     | 0.230 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.303 | 152  | 4746     | 0.212 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.051 | 330  | 801      | 0.215 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.185 | 172  | 8988     | 0.261 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.341 | 212  | 13414    | 0.279 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.949 | 244  | 13015    | 0.345 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.384  | 88   | 3002     | 0.503 | ng    | # 88     |
| 34) Bis(2-ethylhexyl)phtha... | 21.438 | 149  | 1535     | 0.045 | ng    | # 96     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012324\  
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Sample : P1222-05  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-398-400

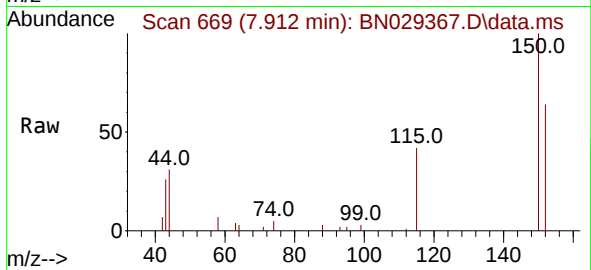
Quant Time: Jan 24 04:40:37 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012224.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Jan 23 02:16:14 2024  
Response via : Initial Calibration



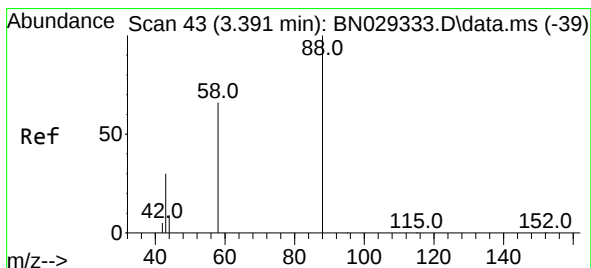
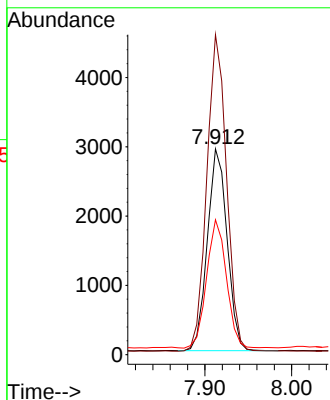
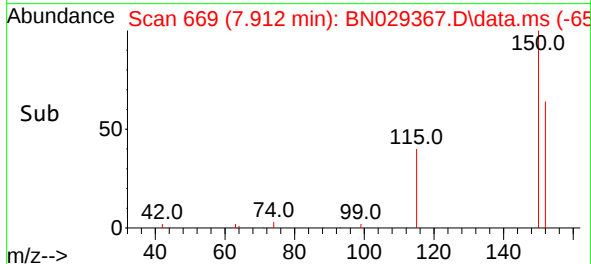


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.912 min Scan# 6  
 Delta R.T. -0.007 min  
 Lab File: BN029367.D  
 Acq: 24 Jan 2024 04:12

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-191-GW-398-400

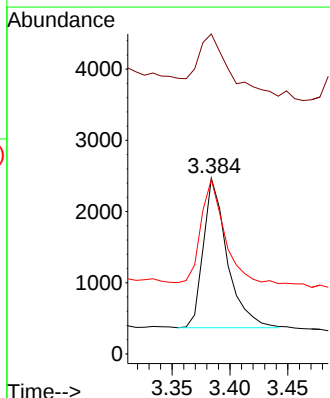
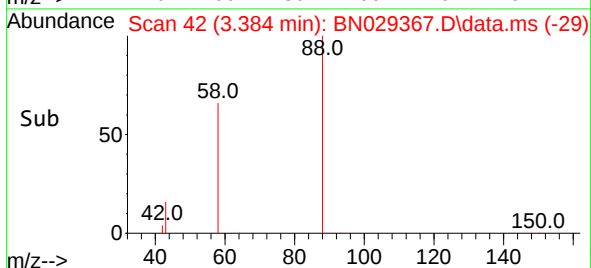
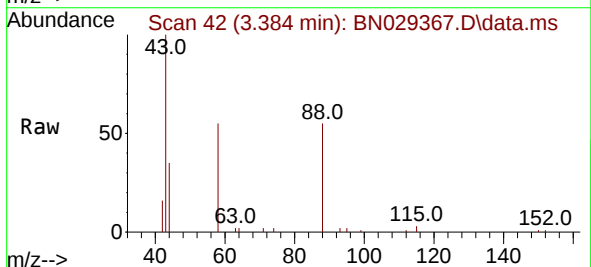


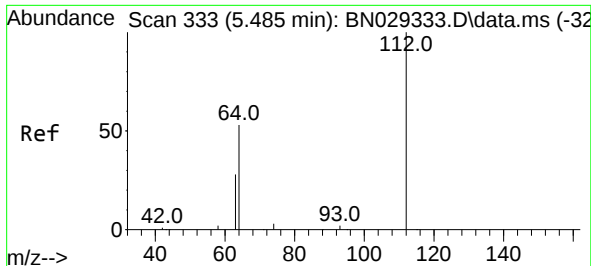
Tgt Ion:152 Resp: 4594  
 Ion Ratio Lower Upper  
 152 100  
 150 155.5 121.1 181.7  
 115 65.5 49.8 74.6



#2  
 1,4-Dioxane  
 Concen: 0.503 ng  
 RT: 3.384 min Scan# 42  
 Delta R.T. -0.007 min  
 Lab File: BN029367.D  
 Acq: 24 Jan 2024 04:12

Tgt Ion: 88 Resp: 3002  
 Ion Ratio Lower Upper  
 88 100  
 43 53.1 29.2 43.8#  
 58 69.1 57.8 86.8

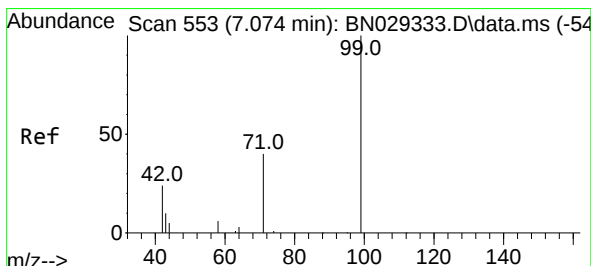
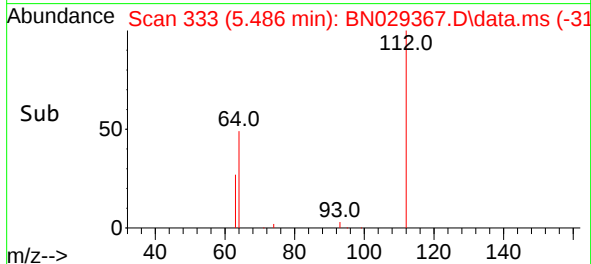
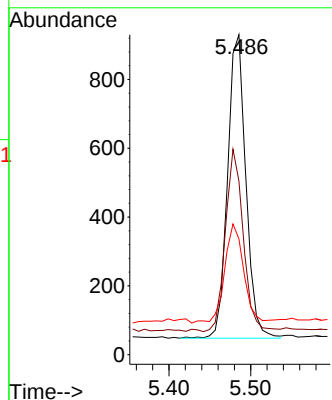
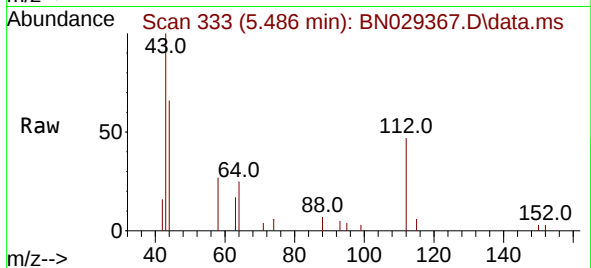




#4  
2-Fluorophenol  
Concen: 0.112 ng  
RT: 5.486 min Scan# 311  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

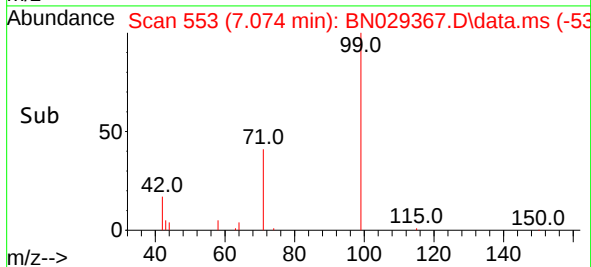
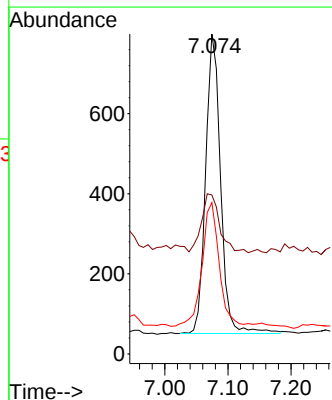
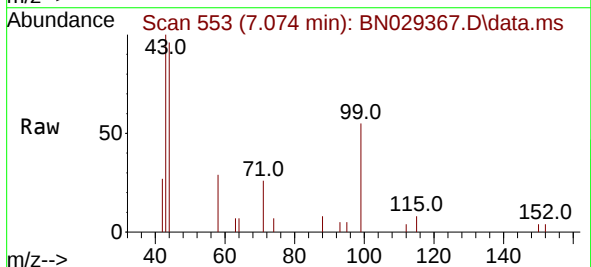
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-398-400

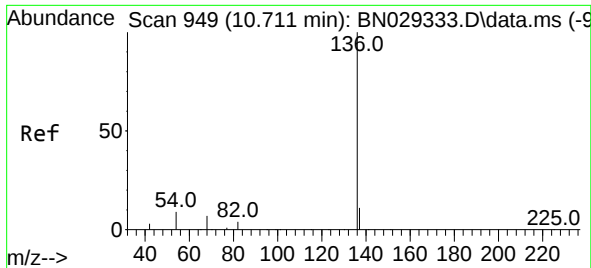
Tgt Ion:112 Resp: 1365  
Ion Ratio Lower Upper  
112 100  
64 59.0 47.6 71.4  
63 32.1 27.0 40.6



#5  
Phenol-d6  
Concen: 0.076 ng  
RT: 7.074 min Scan# 553  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

Tgt Ion: 99 Resp: 1232  
Ion Ratio Lower Upper  
99 100  
42 23.6 19.3 28.9  
71 47.2 31.0 46.6#

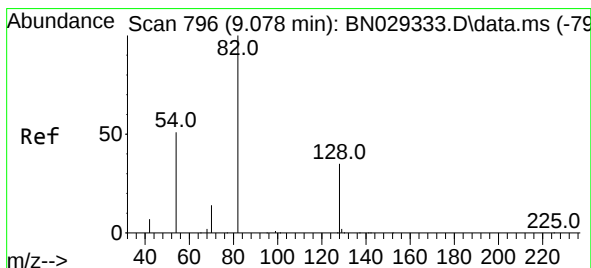
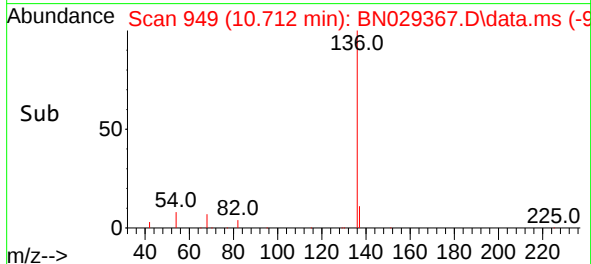
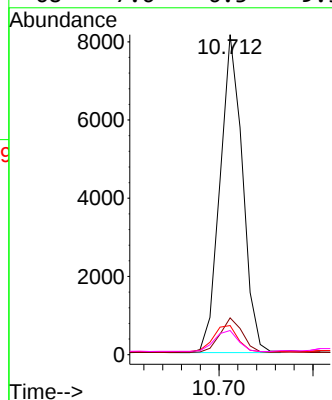
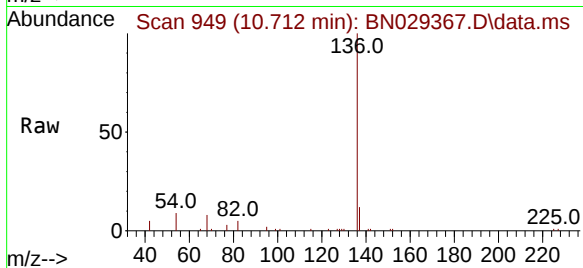




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.712 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

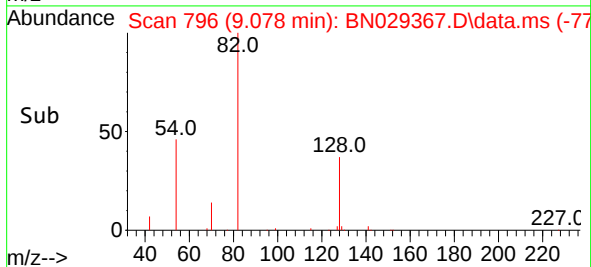
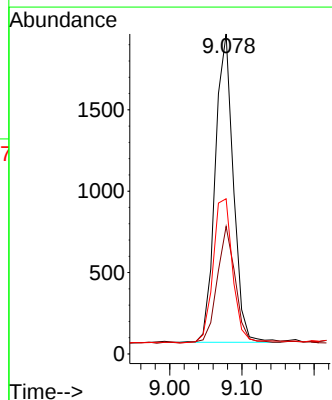
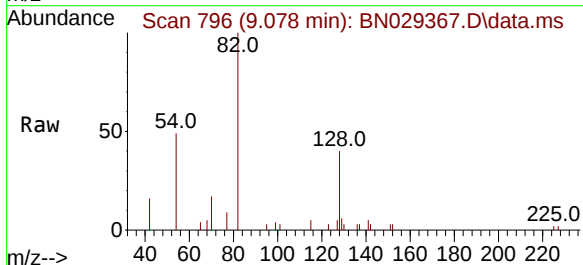
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-398-400

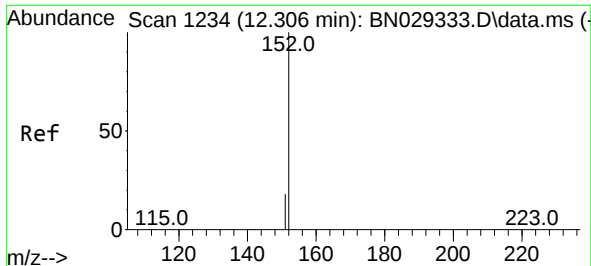
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 13510    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.5  | 9.4 14.0 |
| 54          | 9.1   | 7.9 11.9 |
| 68          | 7.6   | 6.3 9.5  |



#8  
Nitrobenzene-d5  
Concen: 0.230 ng  
RT: 9.078 min Scan# 796  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 3289      |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 39.8  | 29.8 44.6 |
| 54          | 48.5  | 42.5 63.7 |

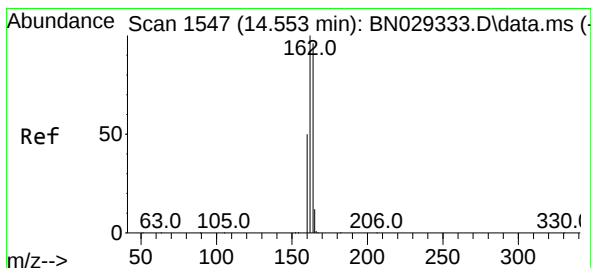
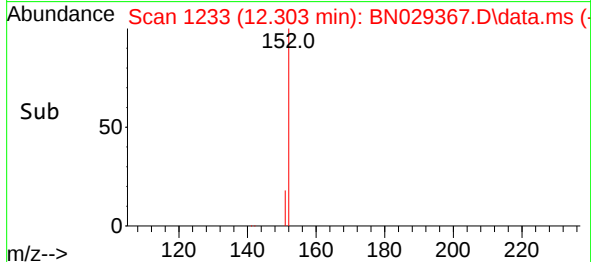
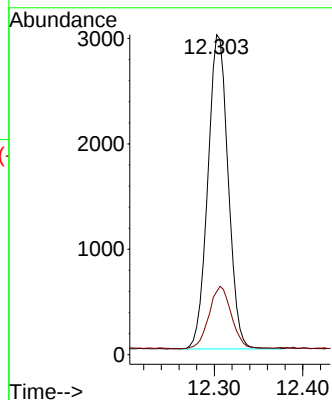
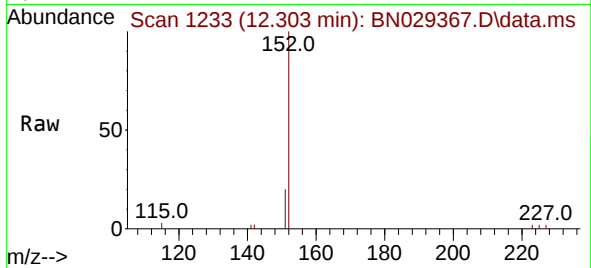




#11  
2-Methylnaphthalene-d10  
Concen: 0.212 ng  
RT: 12.303 min Scan# 1233  
Delta R.T. -0.003 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

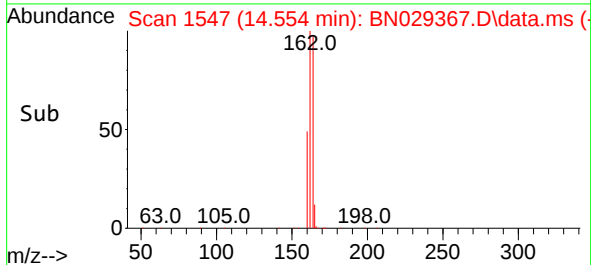
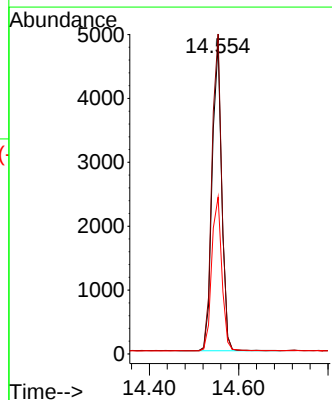
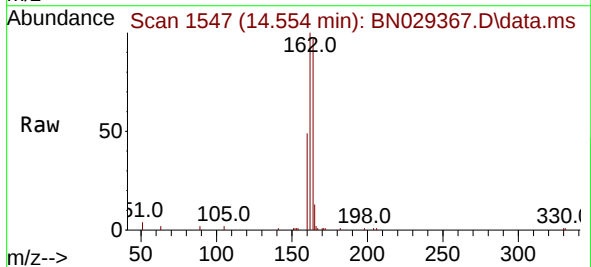
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-398-400

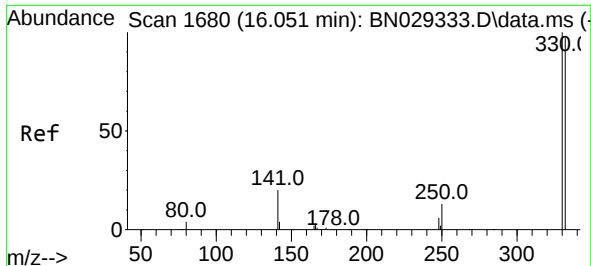
Tgt Ion:152 Resp: 4746  
Ion Ratio Lower Upper  
152 100  
151 21.9 16.9 25.3



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.554 min Scan# 1547  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

Tgt Ion:164 Resp: 7144  
Ion Ratio Lower Upper  
164 100  
162 103.4 83.5 125.3  
160 50.7 42.1 63.1

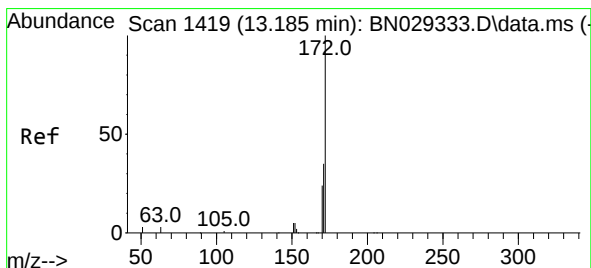
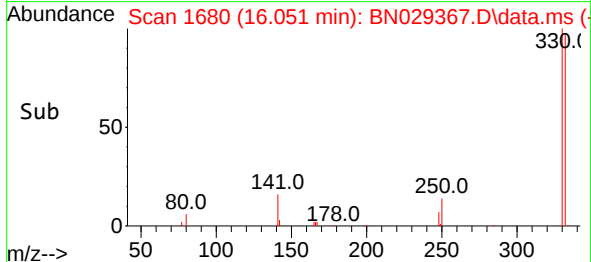
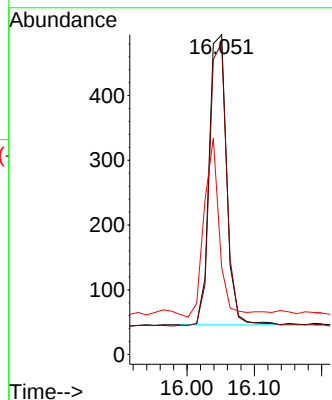
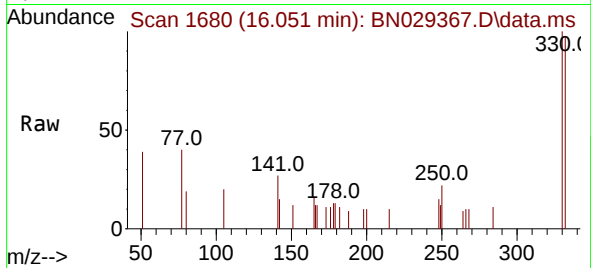




#14  
2,4,6-Tribromophenol  
Concen: 0.215 ng  
RT: 16.051 min Scan# 1680  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

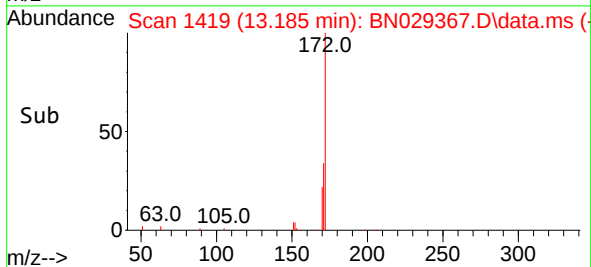
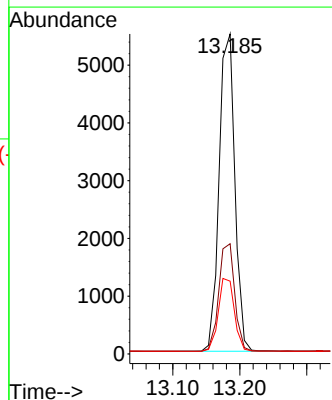
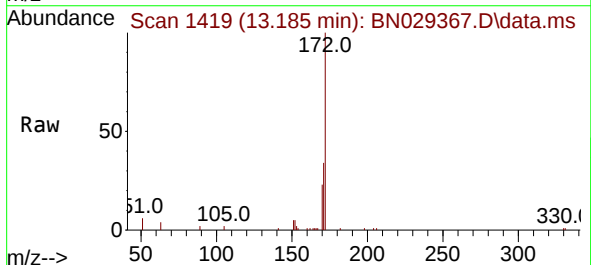
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-191-GW-398-400

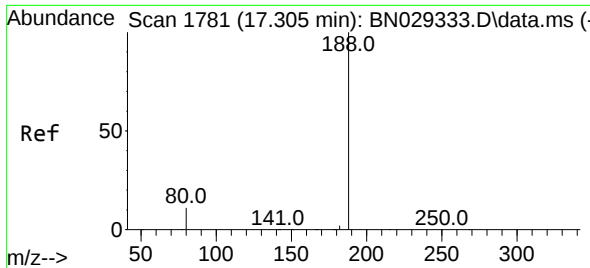
Tgt Ion:330 Resp: 801  
Ion Ratio Lower Upper  
330 100  
332 98.3 77.3 115.9  
141 55.1 37.2 55.8



#15  
2-Fluorobiphenyl  
Concen: 0.261 ng  
RT: 13.185 min Scan# 1419  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

Tgt Ion:172 Resp: 8988  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.2 42.2  
170 22.8 19.3 28.9

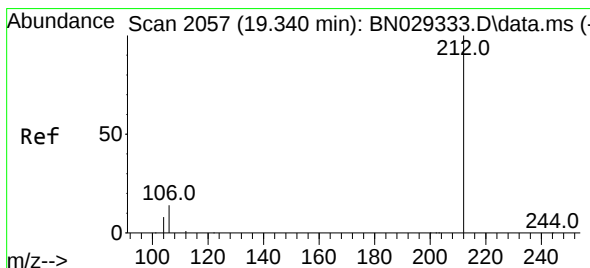
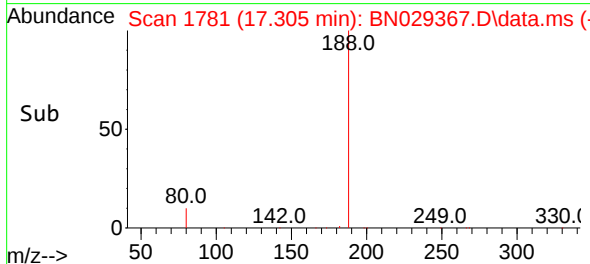
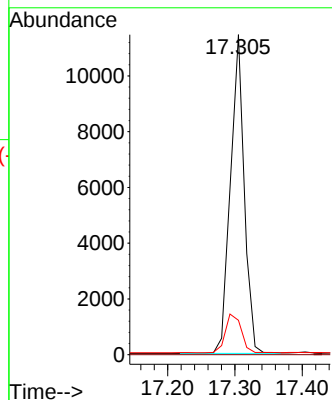
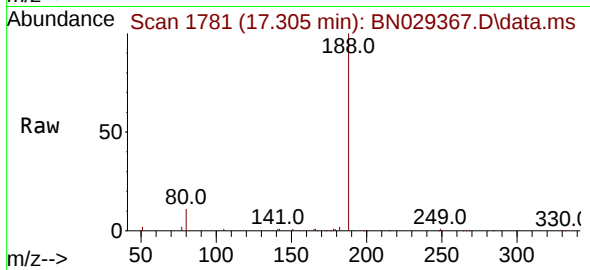




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.305 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

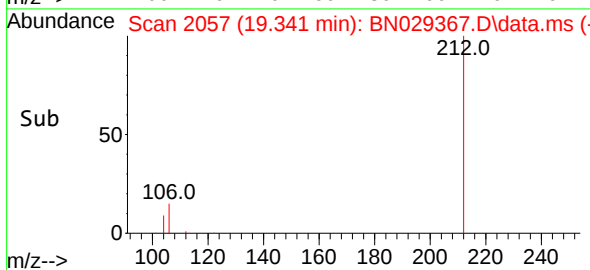
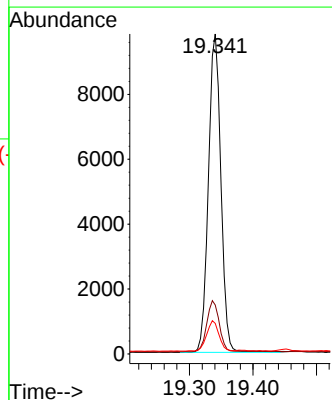
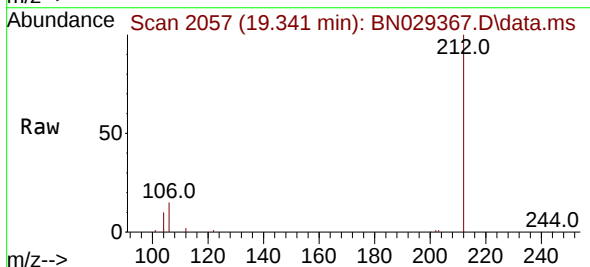
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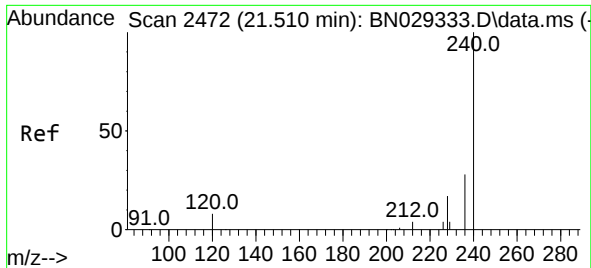
Tgt Ion:188 Resp: 16220  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.8 9.4 14.2



#27  
Fluoranthene-d10  
Concen: 0.279 ng  
RT: 19.341 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BN029367.D  
Acq: 24 Jan 2024 04:12

Tgt Ion:212 Resp: 13414  
Ion Ratio Lower Upper  
212 100  
106 15.9 11.4 17.0  
104 9.4 6.8 10.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.501 min Scan# 2471

Delta R.T. -0.009 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-191-GW-398-400

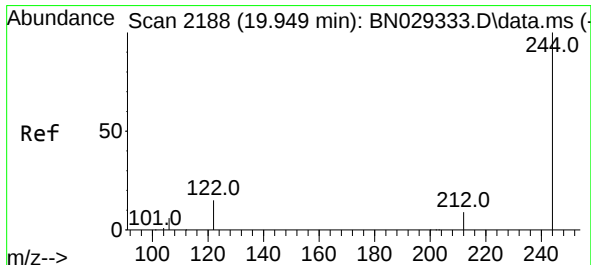
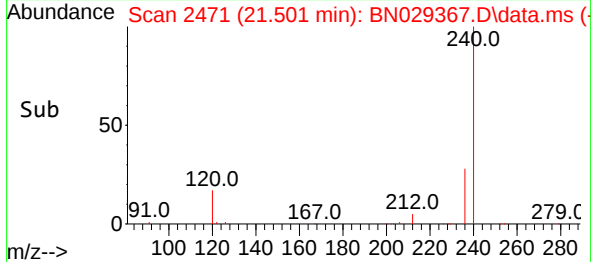
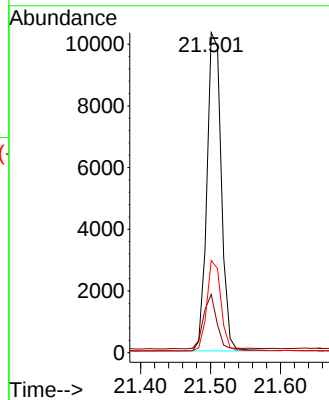
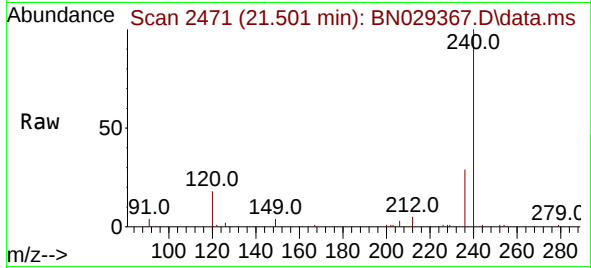
Tgt Ion:240 Resp: 14740

Ion Ratio Lower Upper

240 100

120 18.2 7.8 11.6#

236 28.8 23.0 34.4



#31

Terphenyl-d14

Concen: 0.345 ng

RT: 19.949 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

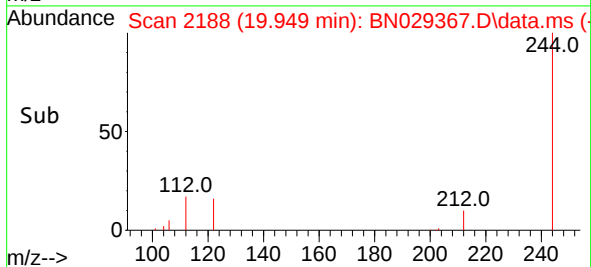
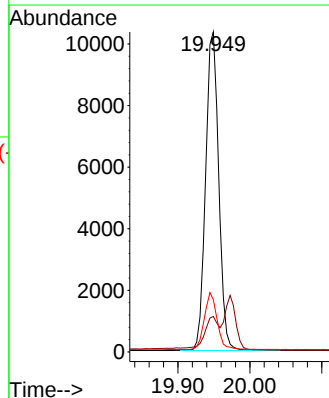
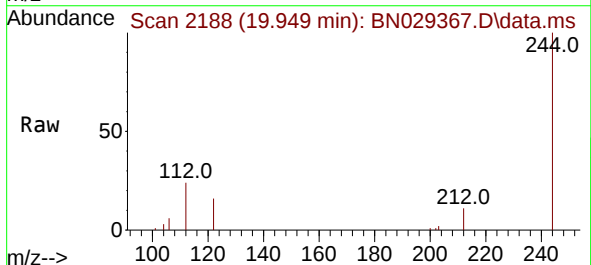
Tgt Ion:244 Resp: 13015

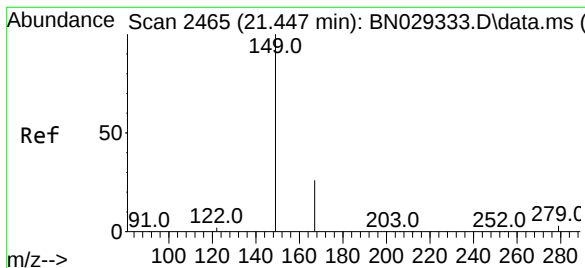
Ion Ratio Lower Upper

244 100

212 11.1 7.6 11.4

122 16.3 12.8 19.2





#34

Bis(2-ethylhexyl)phthalate

Concen: 0.045 ng

RT: 21.438 min Scan# 2464

Delta R.T. -0.009 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-191-GW-398-400

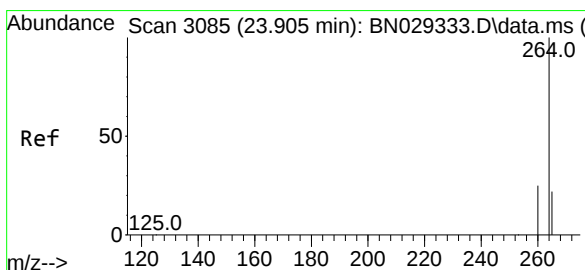
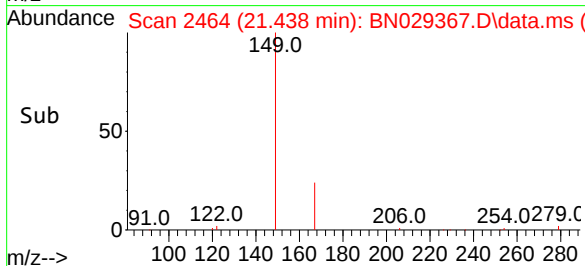
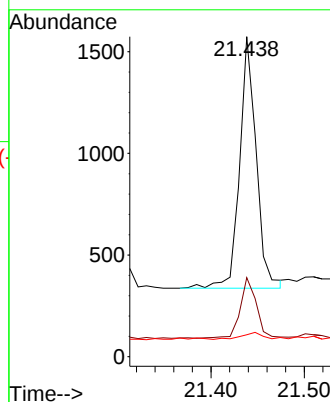
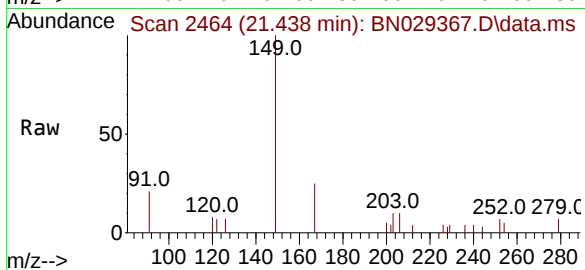
Tgt Ion:149 Resp: 1535

Ion Ratio Lower Upper

149 100

167 23.1 19.9 29.9

279 3.9 2.2 3.4#



#35

Perylene-d12

Concen: 0.400 ng

RT: 23.902 min Scan# 3084

Delta R.T. -0.003 min

Lab File: BN029367.D

Acq: 24 Jan 2024 04:12

Tgt Ion:264 Resp: 14769

Ion Ratio Lower Upper

264 100

260 27.1 20.6 31.0

265 30.9 24.8 37.2

