

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN061124\  
 Data File : BN031908.D  
 Acq On : 11 Jun 2024 13:11  
 Operator : MA/JU  
 Sample : P2771-03  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-196-GW-100-102

Quant Time: Jun 11 13:39:47 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN061024.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 10 15:47:32 2024  
 Response via : Initial Calibration

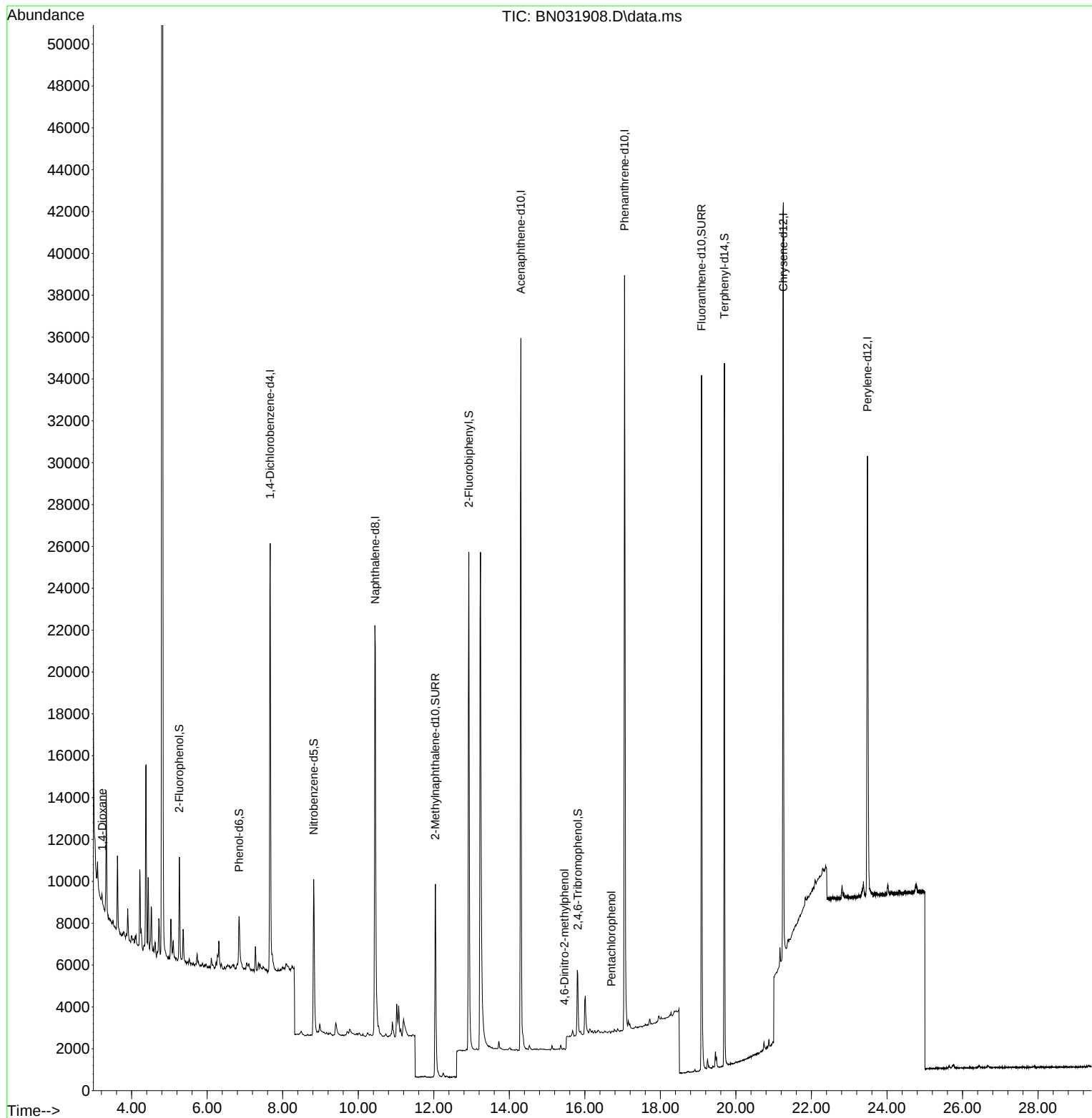
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.668  | 152  | 10784    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.453 | 136  | 33759    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.306 | 164  | 21264    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.053 | 188  | 49734    | 0.400 | ng    | #-0.01   |
| 29) Chrysene-d12              | 21.256 | 240  | 37285    | 0.400 | ng    | 0.00     |
| 35) Perylene-d12              | 23.484 | 264  | 29111    | 0.400 | ng    | #-0.02   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.263  | 112  | 4334     | 0.141 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.844  | 99   | 3487     | 0.087 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.819  | 82   | 7893     | 0.281 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.043 | 152  | 15296    | 0.284 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.812 | 330  | 2350     | 0.231 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.927 | 172  | 24931    | 0.309 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.091 | 212  | 37241    | 0.275 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.695 | 244  | 32300    | 0.354 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.219  | 88   | 312      | 0.024 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.461 | 198  | 6        | 0.175 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.706 | 266  | 38       | 0.172 | ng    | # 19     |
| -----                         |        |      |          |       |       |          |

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

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Sample : P2771-03  
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ALS Vial : 5 Sample Multiplier: 1

Instrument :  
BNA\_N  
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BP-VPB-196-GW-100-102

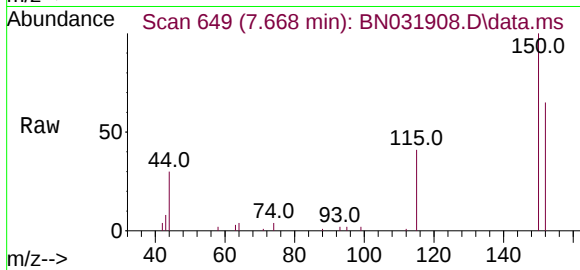
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 10 15:47:32 2024  
Response via : Initial Calibration



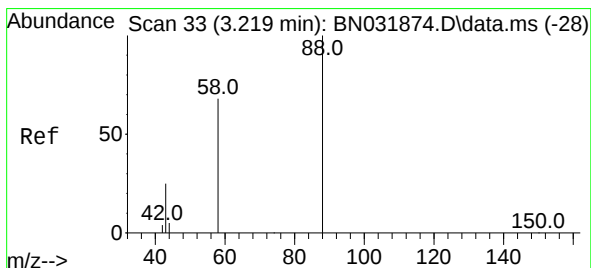
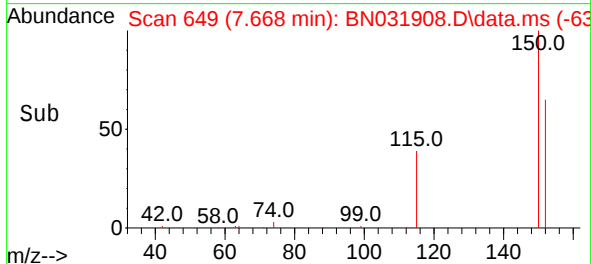
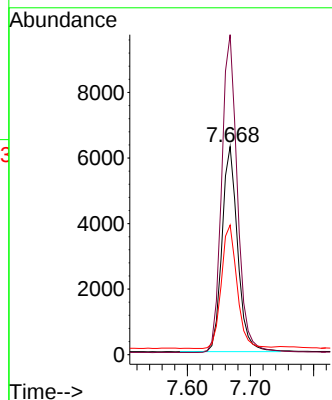


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.668 min Scan# 649  
 Delta R.T. -0.007 min  
 Lab File: BN031908.D  
 Acq: 11 Jun 2024 13:11

Instrument :  
 BNA\_N  
 ClientSampleId :  
 BP-VPB-196-GW-100-102

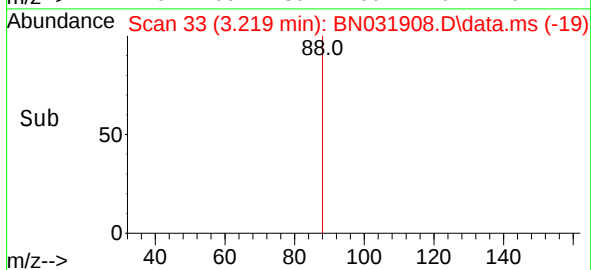
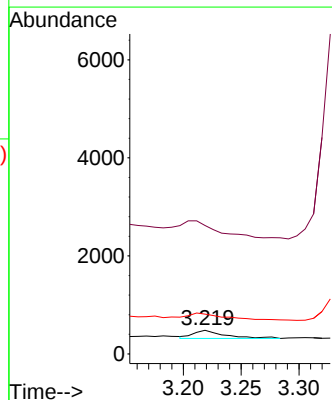
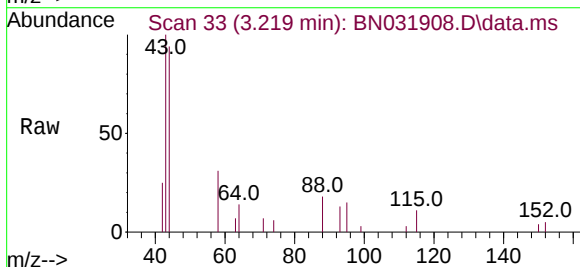


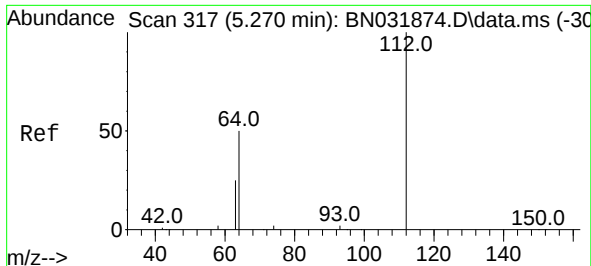
Tgt Ion:152 Resp: 10784  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 121.0 181.4  
 115 62.3 49.4 74.0



#2  
 1,4-Dioxane  
 Concen: 0.024 ng  
 RT: 3.219 min Scan# 33  
 Delta R.T. -0.000 min  
 Lab File: BN031908.D  
 Acq: 11 Jun 2024 13:11

Tgt Ion: 88 Resp: 312  
 Ion Ratio Lower Upper  
 88 100  
 43 264.7 22.7 34.1#  
 58 85.9 51.3 76.9#

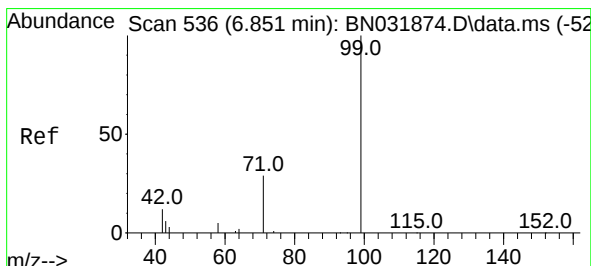
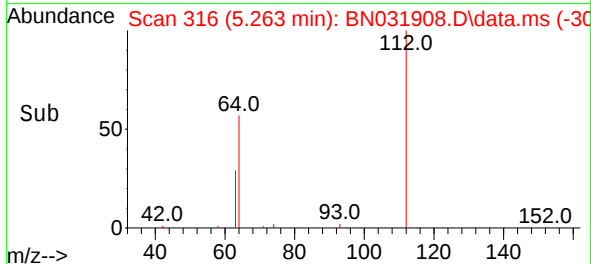
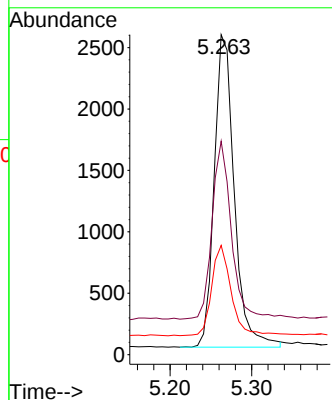
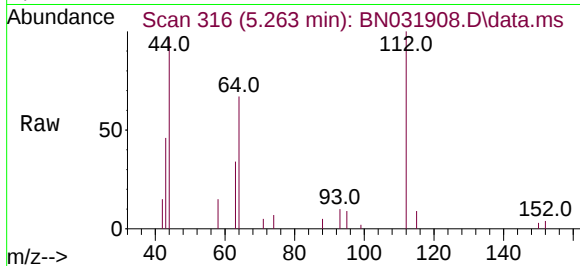




#4  
2-Fluorophenol  
Concen: 0.141 ng  
RT: 5.263 min Scan# 317  
Delta R.T. -0.007 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

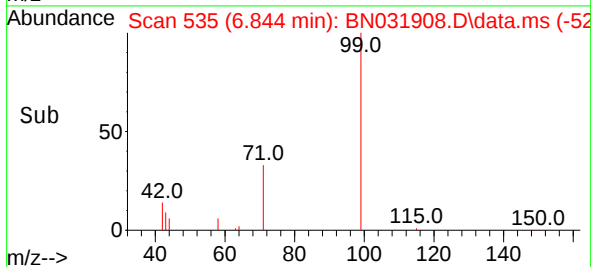
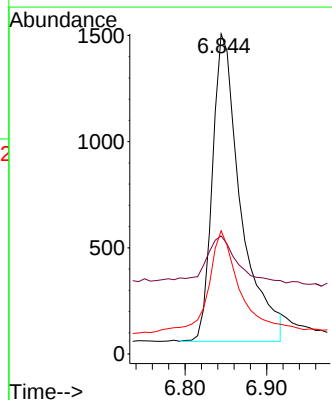
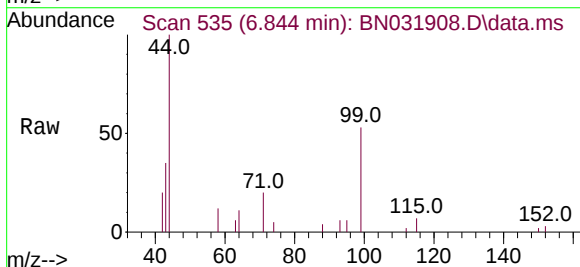
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-196-GW-100-102

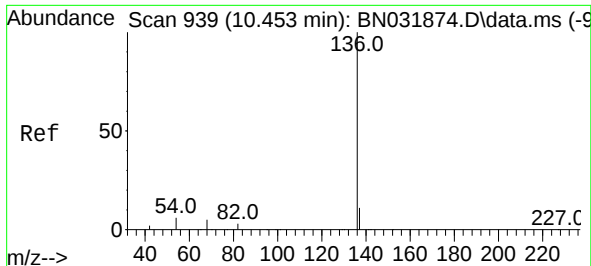
Tgt Ion:112 Resp: 4334  
Ion Ratio Lower Upper  
112 100  
64 54.8 42.4 63.6  
63 28.4 22.1 33.1



#5  
Phenol-d6  
Concen: 0.087 ng  
RT: 6.844 min Scan# 535  
Delta R.T. -0.007 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

Tgt Ion: 99 Resp: 3487  
Ion Ratio Lower Upper  
99 100  
42 14.3 12.8 19.2  
71 35.8 25.4 38.2

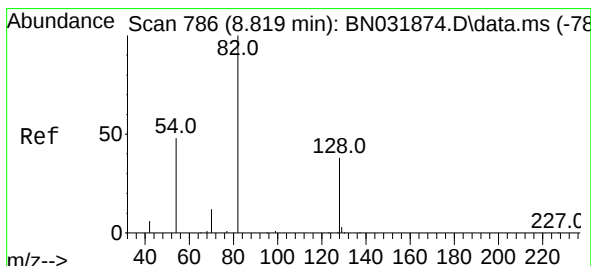
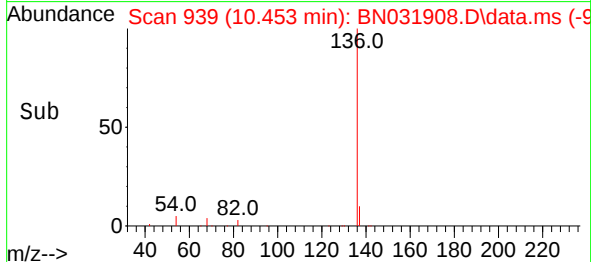
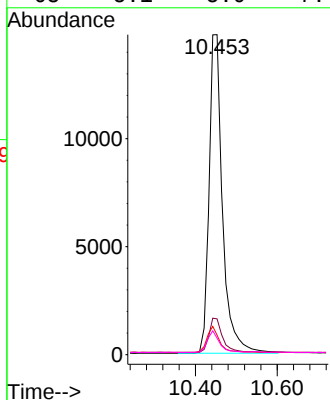
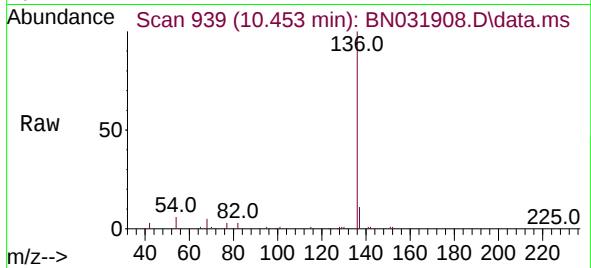




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.453 min Scan# 939  
Delta R.T. -0.000 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

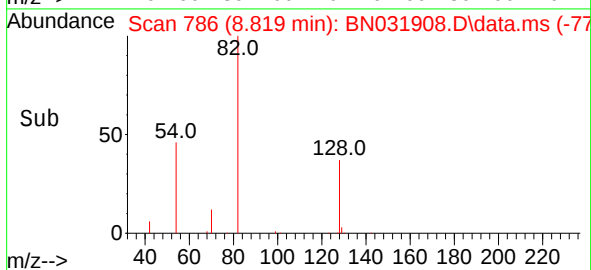
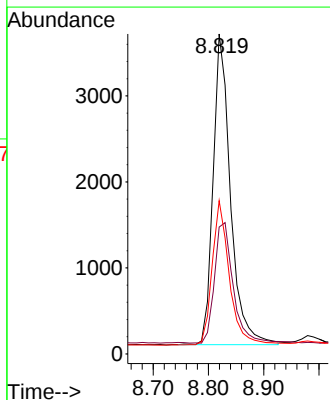
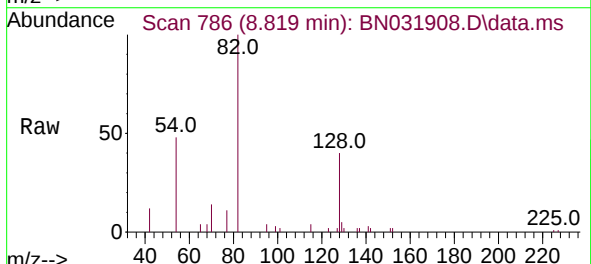
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-196-GW-100-102

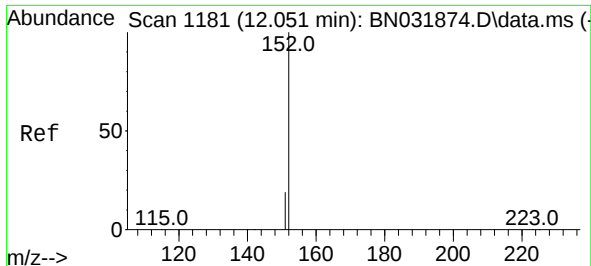
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 136   | Resp: | 33759 |
| Ion Ratio | Lower | Upper |       |
| 136       | 100   |       |       |
| 137       | 11.2  | 8.9   | 13.3  |
| 54        | 6.1   | 5.6   | 8.4   |
| 68        | 5.1   | 5.0   | 7.4   |



#8  
Nitrobenzene-d5  
Concen: 0.281 ng  
RT: 8.819 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 82    | Resp: | 7893 |
| Ion Ratio | Lower | Upper |      |
| 82        | 100   |       |      |
| 128       | 39.6  | 32.1  | 48.1 |
| 54        | 47.9  | 39.7  | 59.5 |





#11

2-Methylnaphthalene-d10

Concen: 0.284 ng

RT: 12.043 min Scan# 1181

Delta R.T. -0.008 min

Lab File: BN031908.D

Acq: 11 Jun 2024 13:11

Instrument :

BNA\_N

ClientSampleId :

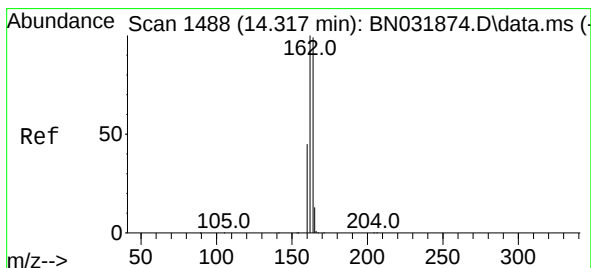
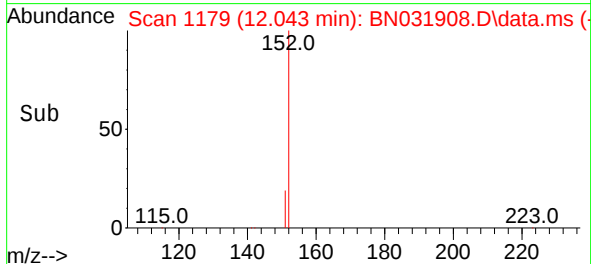
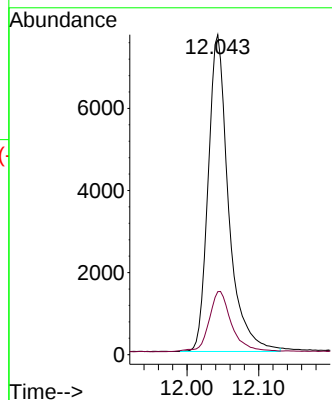
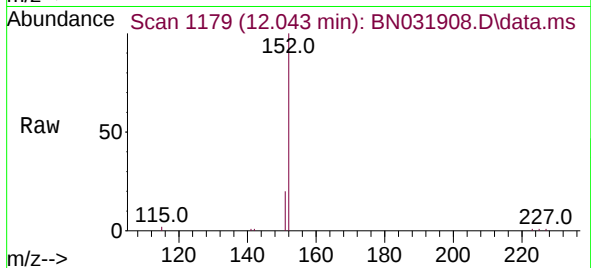
BP-VPB-196-GW-100-102

Tgt Ion:152 Resp: 15296

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.306 min Scan# 1487

Delta R.T. -0.011 min

Lab File: BN031908.D

Acq: 11 Jun 2024 13:11

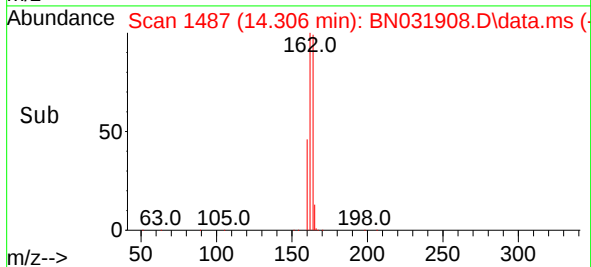
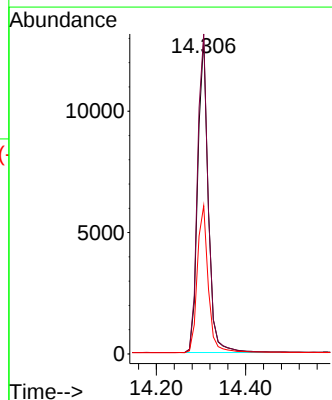
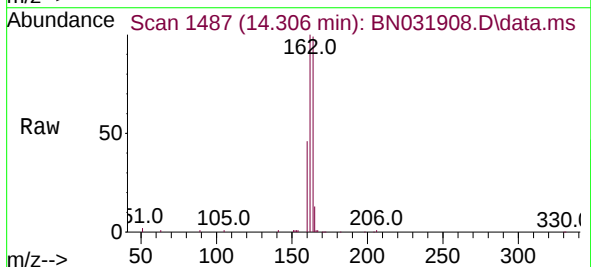
Tgt Ion:164 Resp: 21264

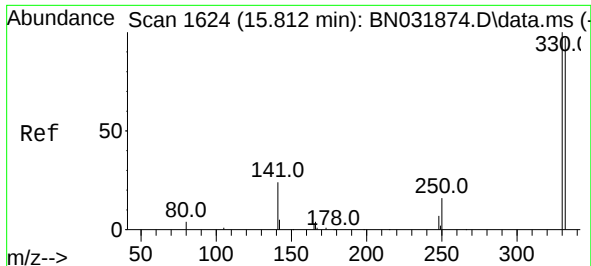
Ion Ratio Lower Upper

164 100

162 101.3 80.7 121.1

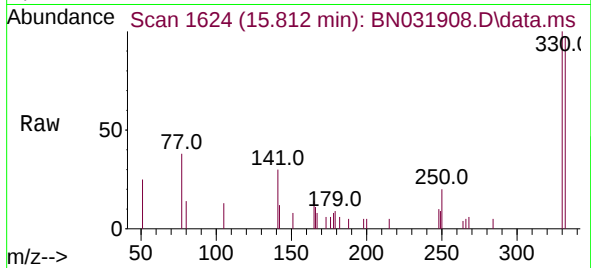
160 46.9 36.2 54.4



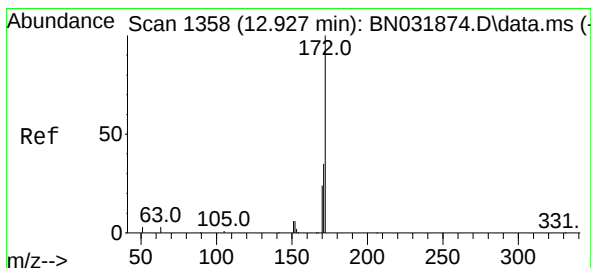
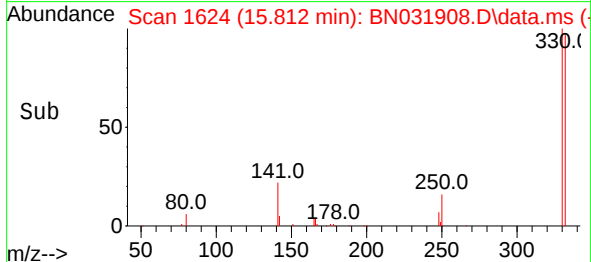
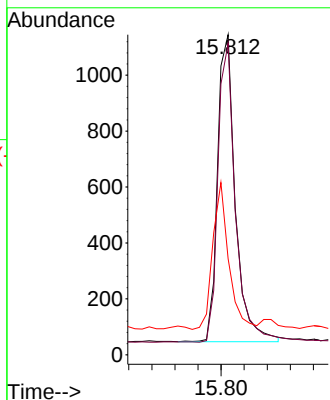


#14  
2,4,6-Tribromophenol  
Concen: 0.231 ng  
RT: 15.812 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-196-GW-100-102

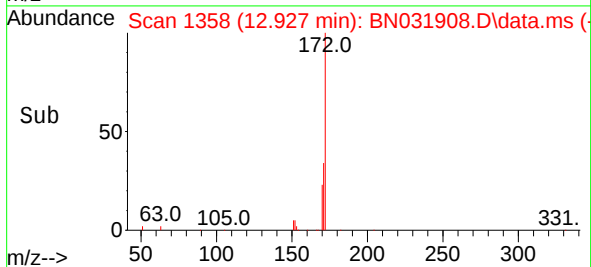
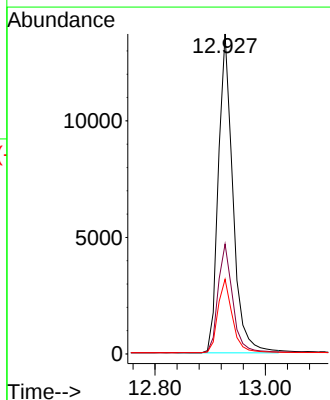
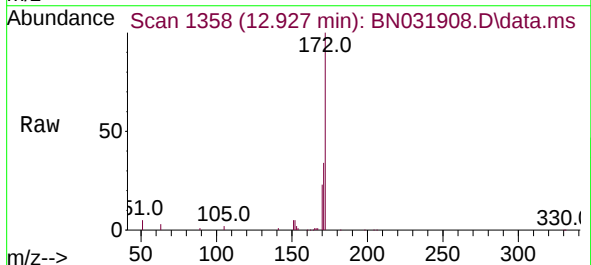


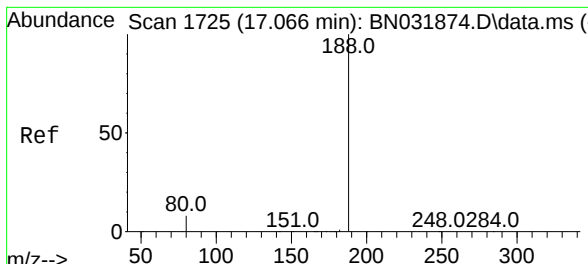
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Ion Ratio Lower Upper  
330 100  
332 95.5 77.5 116.3  
141 43.0 34.7 52.1



#15  
2-Fluorobiphenyl  
Concen: 0.309 ng  
RT: 12.927 min Scan# 1358  
Delta R.T. -0.000 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

Tgt Ion:172 Resp: 24931  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.6 42.8  
170 23.3 19.2 28.8

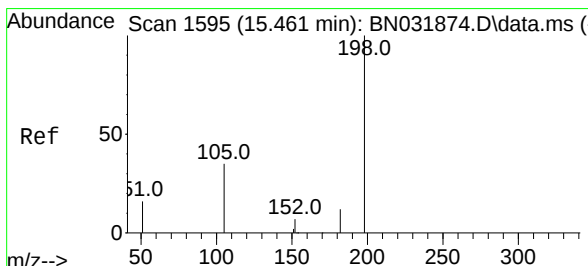
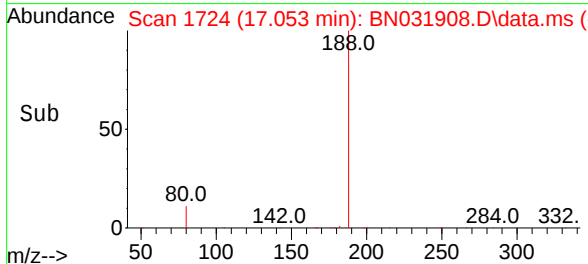
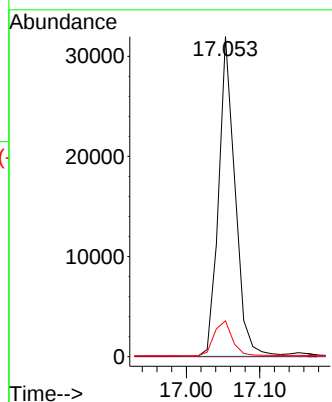
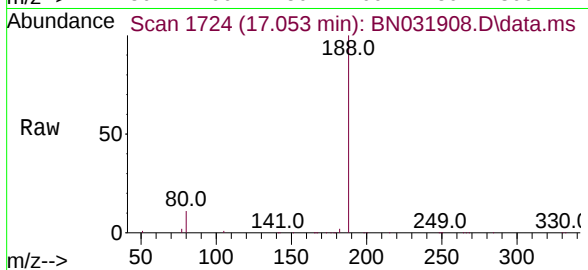




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.053 min Scan# 1724  
Delta R.T. -0.012 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

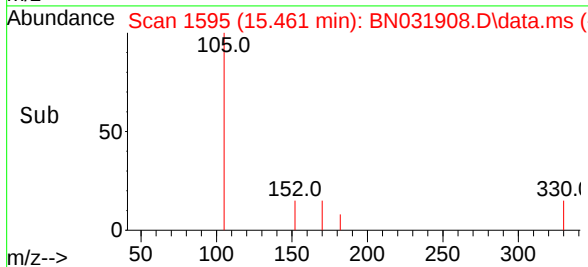
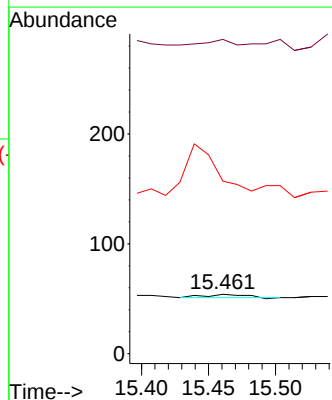
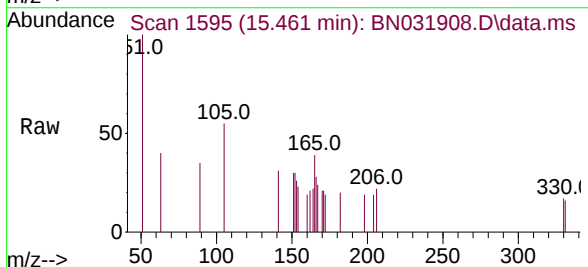
Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-196-GW-100-102

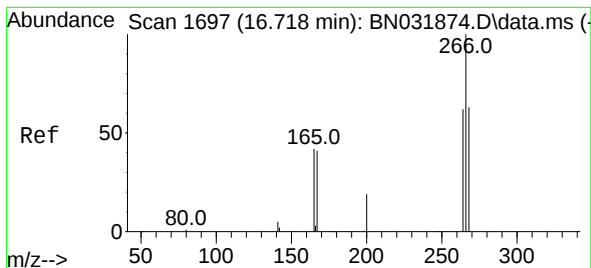
Tgt Ion:188 Resp: 49734  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.2 6.4 9.6#



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.175 ng  
RT: 15.461 min Scan# 1595  
Delta R.T. -0.000 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

Tgt Ion:198 Resp: 6  
Ion Ratio Lower Upper  
198 100  
51 529.6 42.7 64.1#  
105 290.7 41.8 62.8#





#24

Pentachlorophenol

Concen: 0.172 ng

RT: 16.706 min Scan# 1

Delta R.T. -0.012 min

Lab File: BN031908.D

Acq: 11 Jun 2024 13:11

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-196-GW-100-102

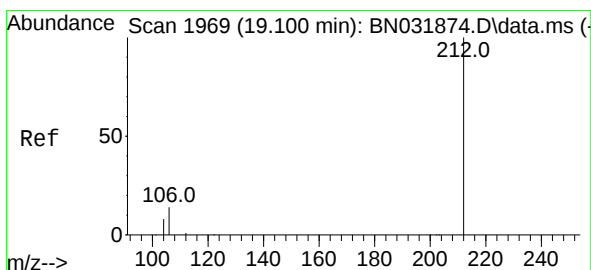
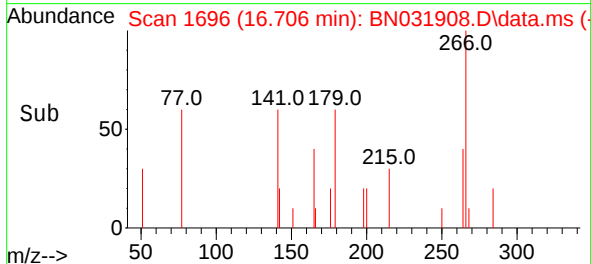
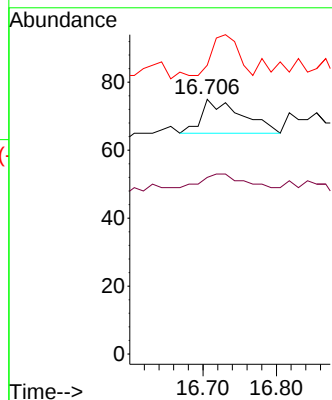
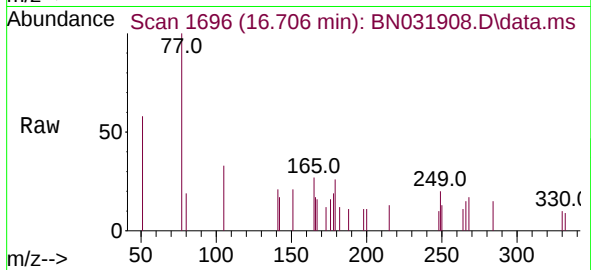
Tgt Ion:266 Resp: 38

Ion Ratio Lower Upper

266 100

264 0.0 50.0 75.0#

268 0.0 51.0 76.6#



#27

Fluoranthene-d10

Concen: 0.275 ng

RT: 19.091 min Scan# 1967

Delta R.T. -0.009 min

Lab File: BN031908.D

Acq: 11 Jun 2024 13:11

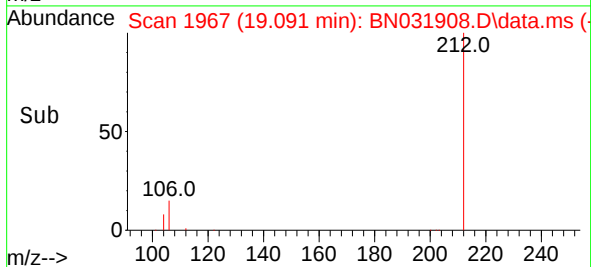
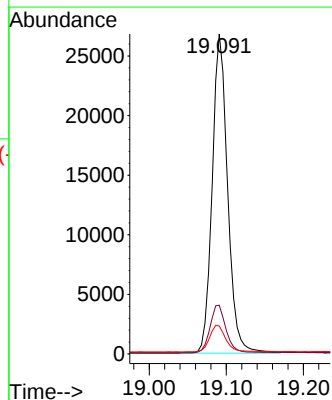
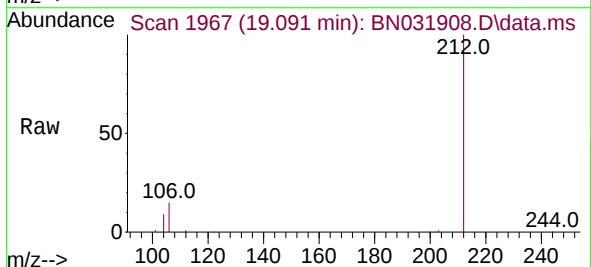
Tgt Ion:212 Resp: 37241

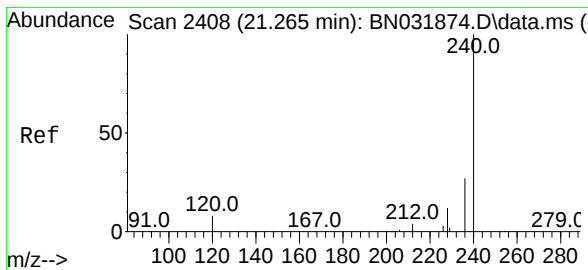
Ion Ratio Lower Upper

212 100

106 15.3 11.8 17.8

104 8.8 6.6 10.0





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.256 min Scan# 2407

Delta R.T. -0.009 min

Lab File: BN031908.D

Acq: 11 Jun 2024 13:11

Instrument :

BNA\_N

ClientSampleId :

BP-VPB-196-GW-100-102

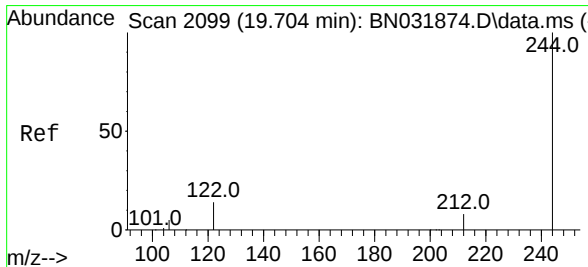
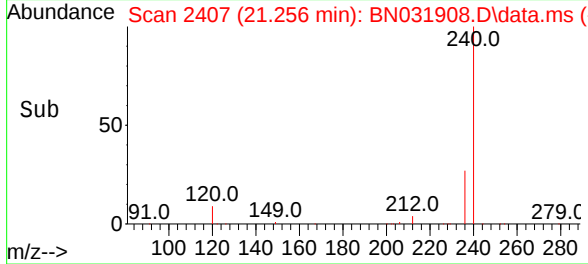
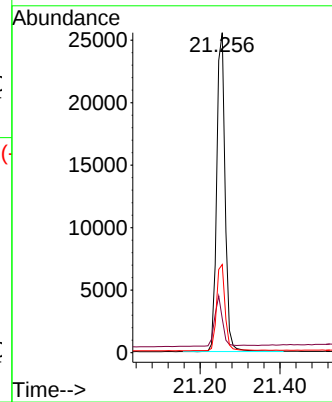
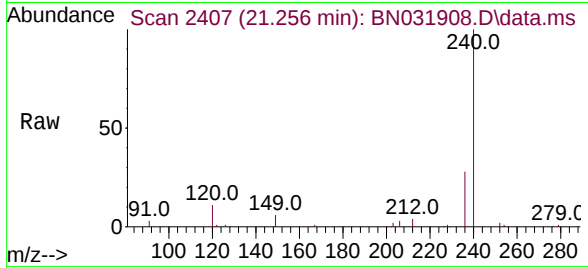
Tgt Ion:240 Resp: 37285

Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.4

236 27.6 21.8 32.8



#31

Terphenyl-d14

Concen: 0.354 ng

RT: 19.695 min Scan# 2097

Delta R.T. -0.009 min

Lab File: BN031908.D

Acq: 11 Jun 2024 13:11

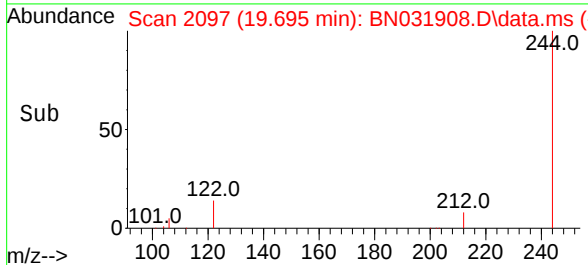
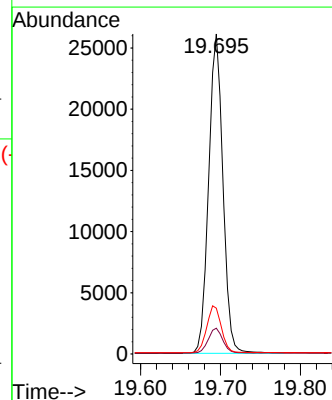
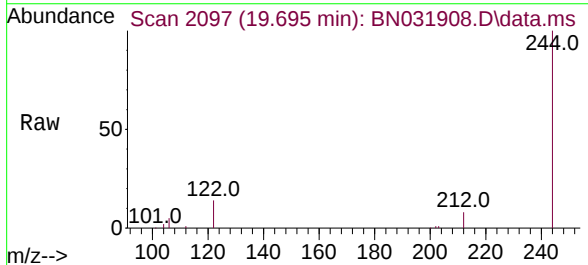
Tgt Ion:244 Resp: 32300

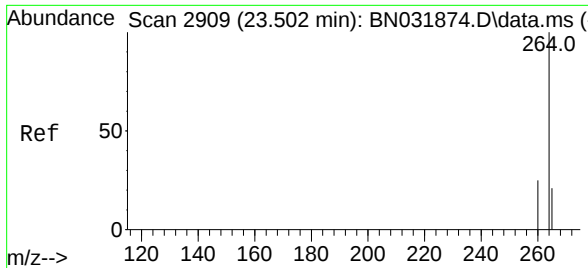
Ion Ratio Lower Upper

244 100

212 8.0 6.5 9.7

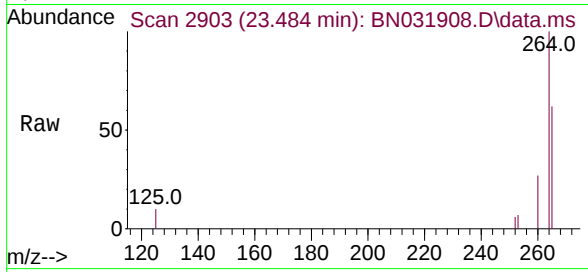
122 14.3 11.4 17.0





#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.484 min Scan# 2903  
Delta R.T. -0.018 min  
Lab File: BN031908.D  
Acq: 11 Jun 2024 13:11

Instrument :  
BNA\_N  
ClientSampleId :  
BP-VPB-196-GW-100-102



Tgt Ion:264 Resp: 29111

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 26.8  | 20.5  | 30.7  |
| 265 | 62.0  | 39.6  | 59.4  |

