

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN012624\  
 Data File : BN029397.D  
 Acq On : 26 Jan 2024 17:23  
 Operator : MA/JU  
 Sample : P1263-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-06-219-012524

Quant Time: Jan 26 17:50:11 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012524.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Jan 26 01:42:55 2024  
 Response via : Initial Calibration

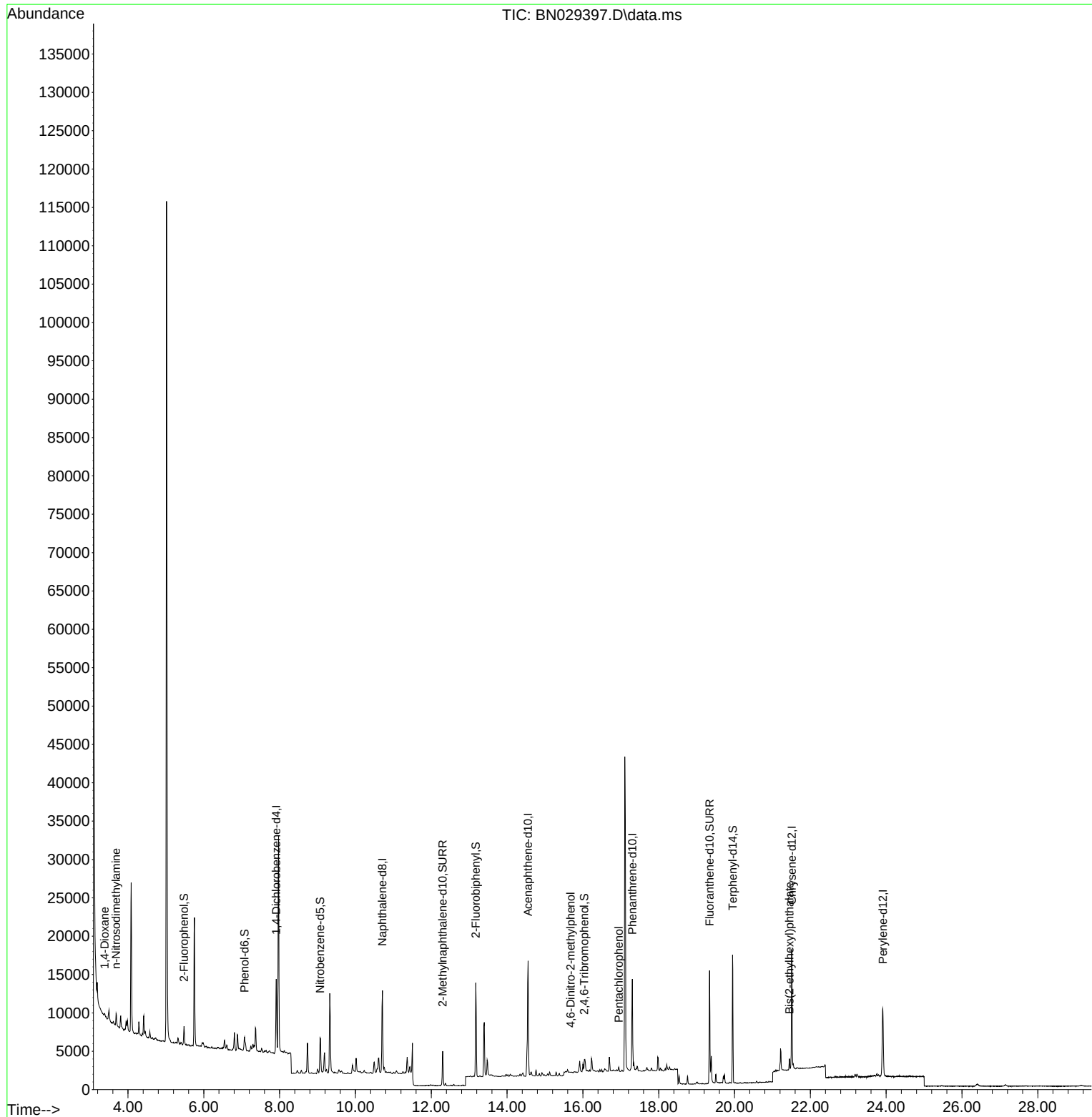
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.912  | 152  | 4555     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.712 | 136  | 13935    | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.554 | 164  | 7480     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.305 | 188  | 15653    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.510 | 240  | 13384    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.911 | 264  | 13037    | 0.400 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.478  | 112  | 1794     | 0.144 | ng    | 0.00     |
| 5) Phenol-d6                  | 7.074  | 99   | 1582     | 0.095 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 9.068  | 82   | 4013     | 0.273 | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.303 | 152  | 6229     | 0.280 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 16.039 | 330  | 916      | 0.278 | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.175 | 172  | 10432    | 0.302 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.341 | 212  | 15323    | 0.340 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.949 | 244  | 14815    | 0.444 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
|                               |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.384  | 88   | 294      | 0.048 | ng    | # 73     |
| 3) n-Nitrosodimethylamine     | 3.687  | 42   | 257      | 0.043 | ng    | # 4      |
| 20) 4,6-Dinitro-2-methylph... | 15.679 | 198  | 16       | 0.122 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.945 | 266  | 259      | 0.157 | ng    | 98       |
| 34) Bis(2-ethylhexyl)phtha... | 21.447 | 149  | 1437     | 0.043 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

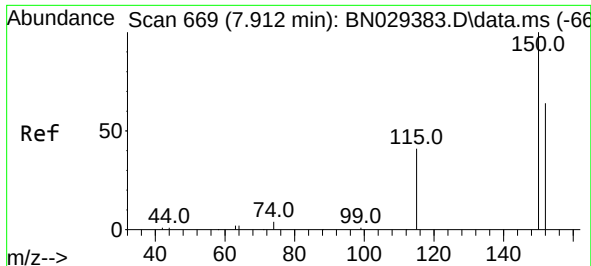
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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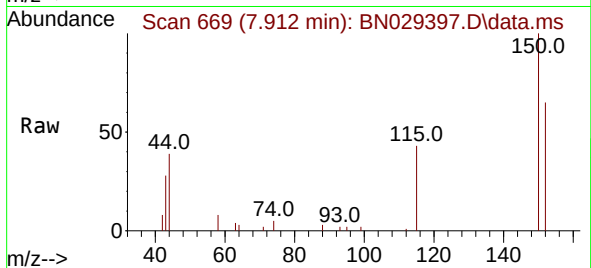
Quant Time: Jan 26 17:50:11 2024  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN012524.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Jan 26 01:42:55 2024  
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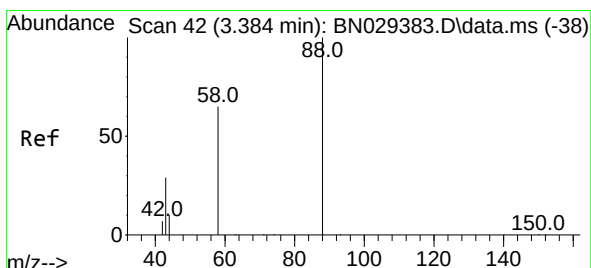
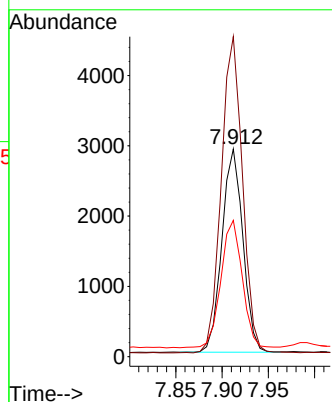
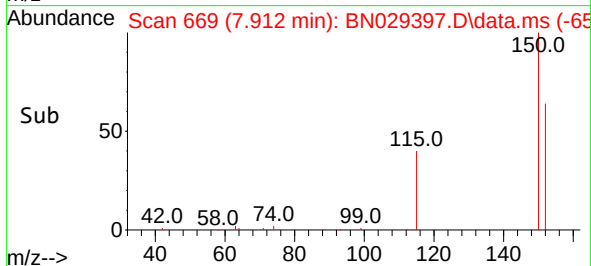


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.912 min Scan# 669  
 Delta R.T. 0.000 min  
 Lab File: BN029397.D  
 Acq: 26 Jan 2024 17:23

Instrument :  
 BNA\_N  
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 OWBR-06-219-012524

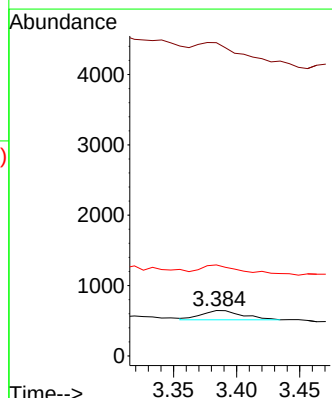
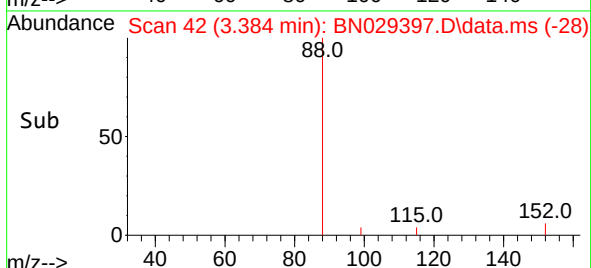
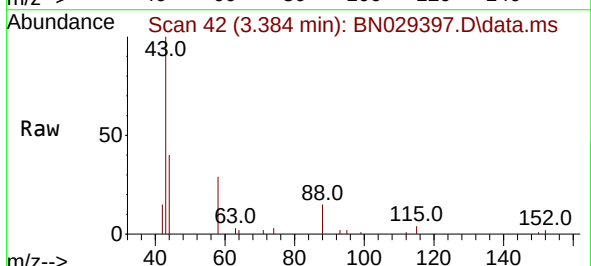


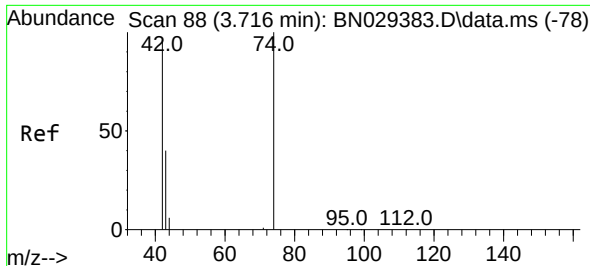
Tgt Ion:152 Resp: 4555  
 Ion Ratio Lower Upper  
 152 100  
 150 154.1 123.6 185.4  
 115 65.6 53.2 79.8



#2  
 1,4-Dioxane  
 Concen: 0.048 ng  
 RT: 3.384 min Scan# 42  
 Delta R.T. 0.000 min  
 Lab File: BN029397.D  
 Acq: 26 Jan 2024 17:23

Tgt Ion: 88 Resp: 294  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 25.3 37.9#  
 58 82.0 56.9 85.3

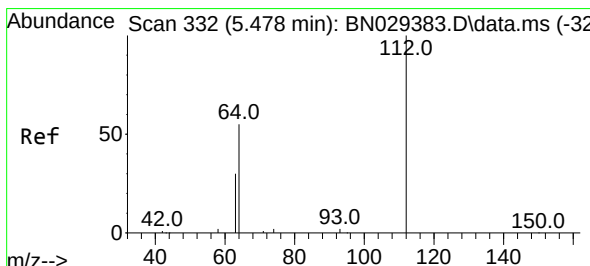
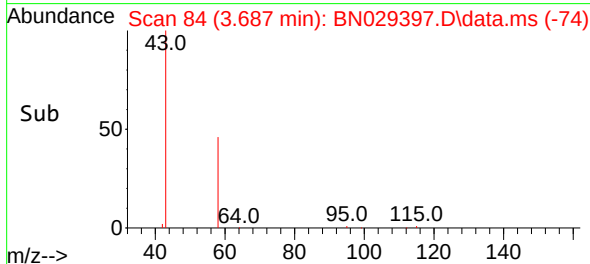
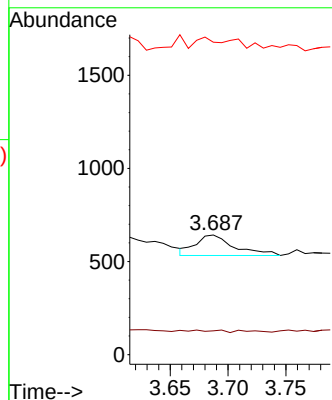
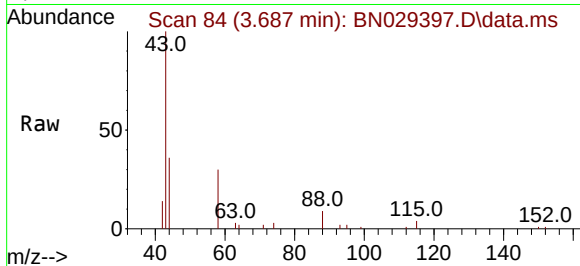




#3  
n-Nitrosodimethylamine  
Concen: 0.043 ng  
RT: 3.687 min Scan# 84  
Delta R.T. -0.029 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

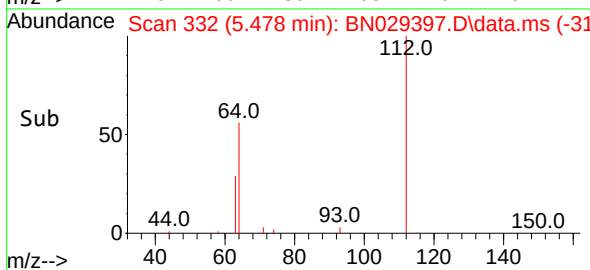
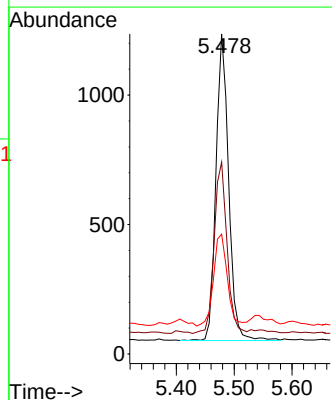
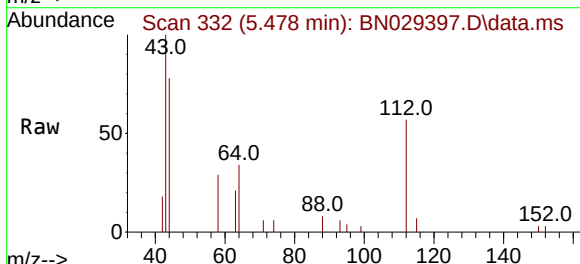
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ClientSampleId :  
OWBR-06-219-012524

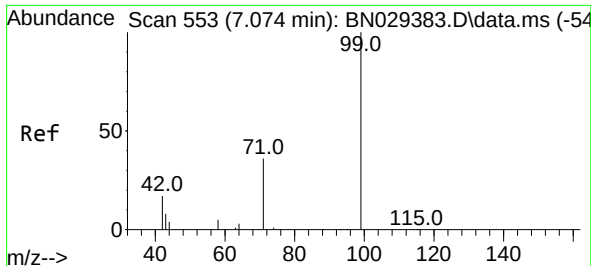
Tgt Ion: 42 Resp: 257  
Ion Ratio Lower Upper  
42 100  
74 10.9 93.5 140.3#  
44 28.8 3.1 4.7#



#4  
2-Fluorophenol  
Concen: 0.144 ng  
RT: 5.478 min Scan# 332  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

Tgt Ion: 112 Resp: 1794  
Ion Ratio Lower Upper  
112 100  
64 56.7 46.2 69.4  
63 32.5 25.8 38.8

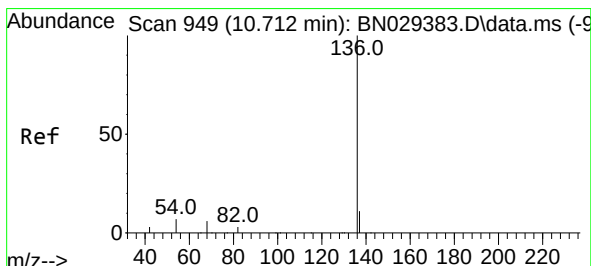
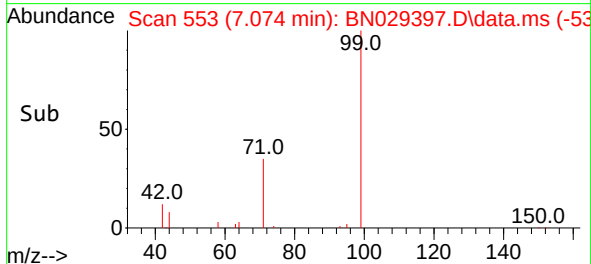
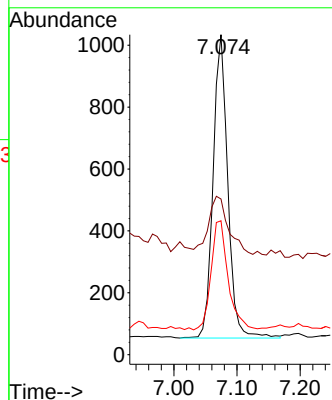
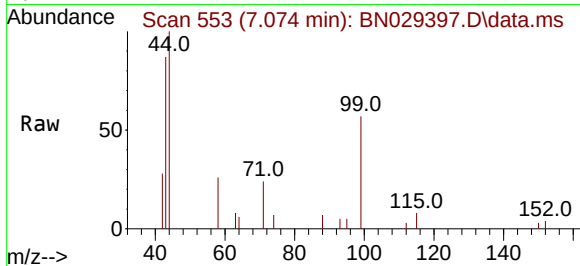




#5  
Phenol-d6  
Concen: 0.095 ng  
RT: 7.074 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

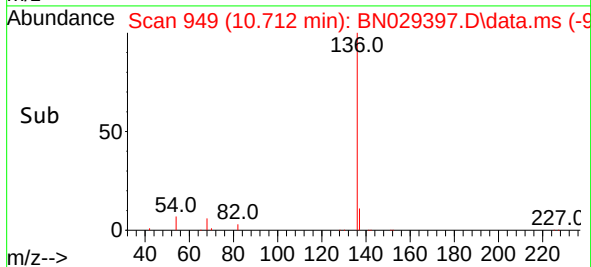
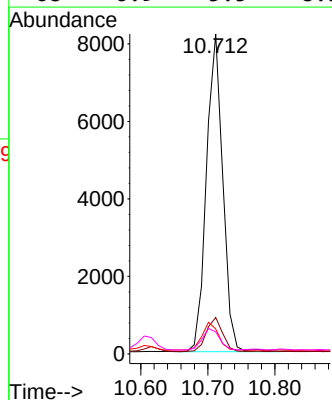
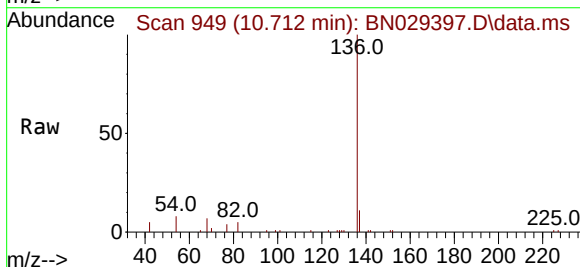
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-06-219-012524

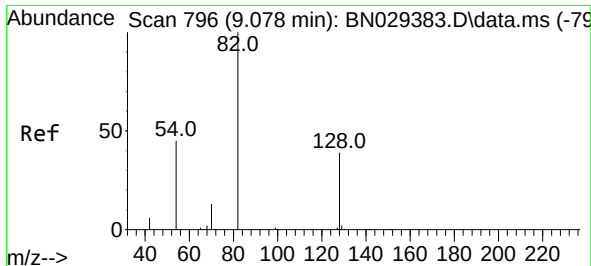
Tgt Ion: 99 Resp: 1582  
Ion Ratio Lower Upper  
99 100  
42 26.8 16.9 25.3#  
71 42.0 29.7 44.5



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.712 min Scan# 949  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

Tgt Ion:136 Resp: 13935  
Ion Ratio Lower Upper  
136 100  
137 11.4 9.0 13.6  
54 7.8 6.4 9.6  
68 6.9 5.5 8.3

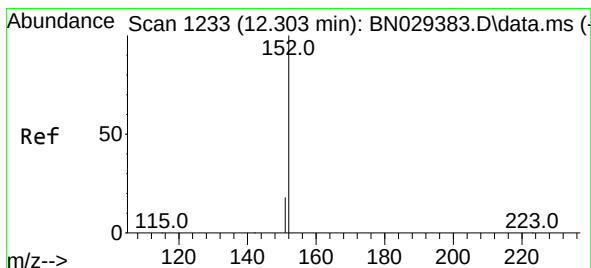
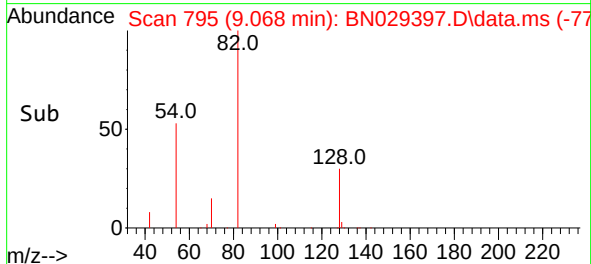
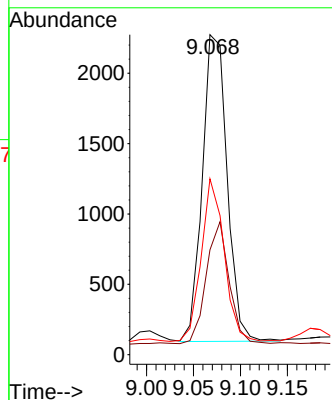
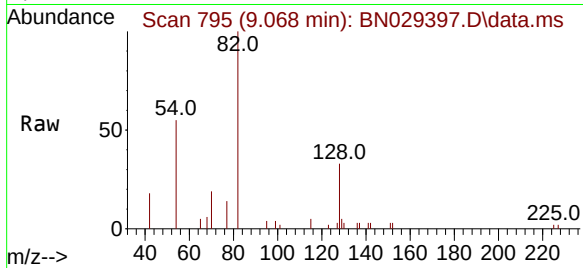




#8  
Nitrobenzene-d5  
Concen: 0.273 ng  
RT: 9.068 min Scan# 796  
Delta R.T. -0.011 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

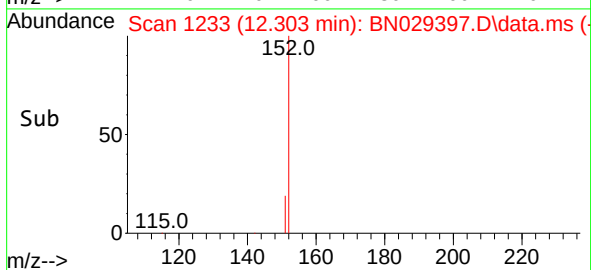
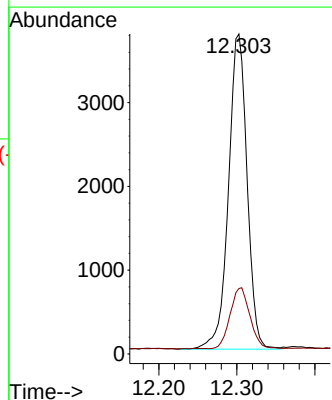
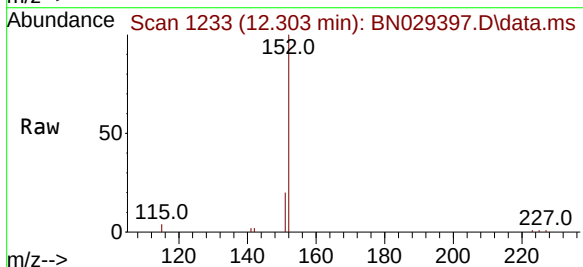
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OWBR-06-219-012524

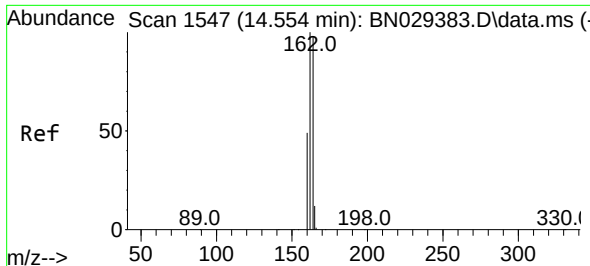
Tgt Ion: 82 Resp: 4013  
Ion Ratio Lower Upper  
82 100  
128 32.8 33.0 49.6#  
54 55.0 37.6 56.4



#11  
2-Methylnaphthalene-d10  
Concen: 0.280 ng  
RT: 12.303 min Scan# 1233  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

Tgt Ion: 152 Resp: 6229  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.8 25.2

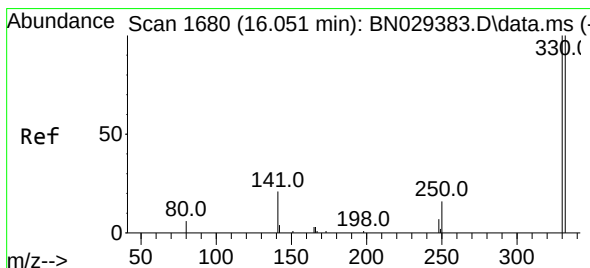
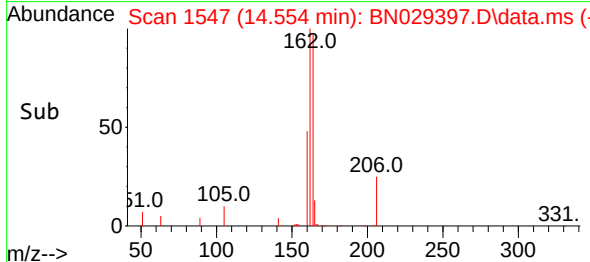
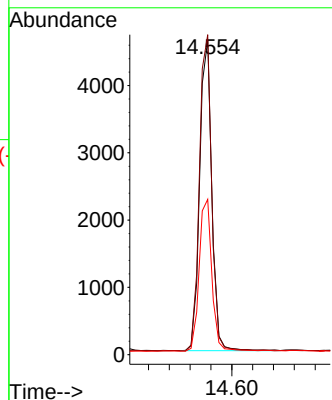
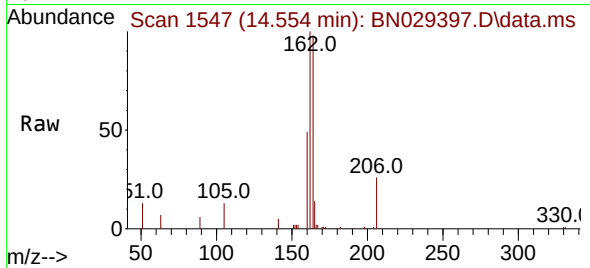




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.554 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

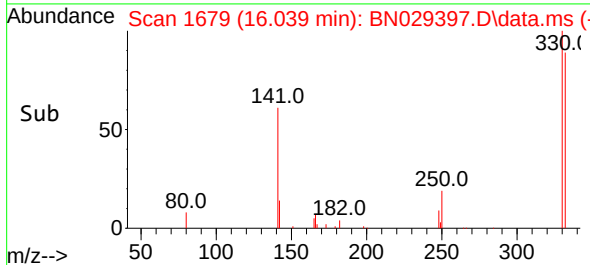
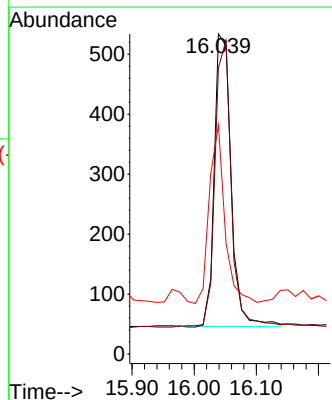
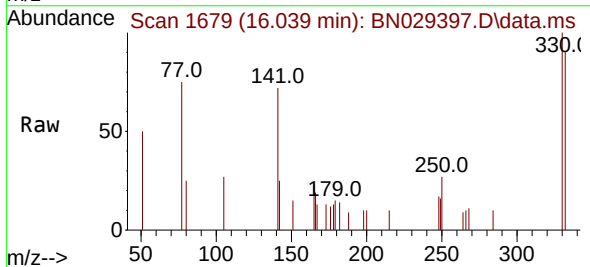
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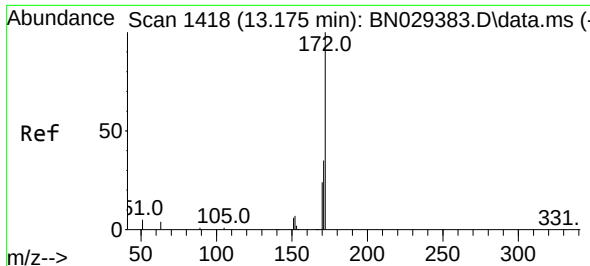
Tgt Ion:164 Resp: 7480  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.3 121.9  
160 49.3 40.2 60.2



#14  
2,4,6-Tribromophenol  
Concen: 0.278 ng  
RT: 16.039 min Scan# 1679  
Delta R.T. -0.012 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

Tgt Ion:330 Resp: 916  
Ion Ratio Lower Upper  
330 100  
332 94.8 75.5 113.3  
141 56.7 43.0 64.6

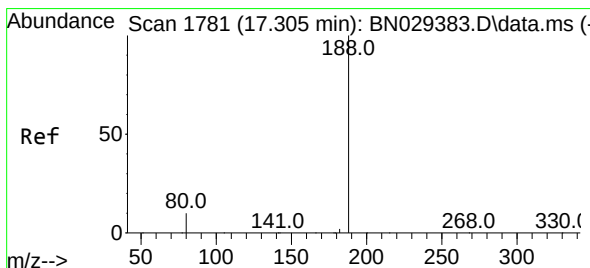
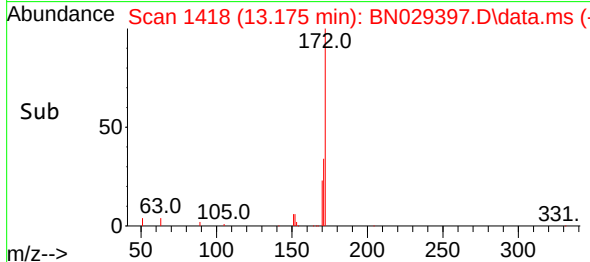
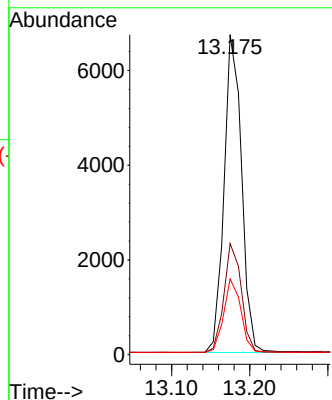
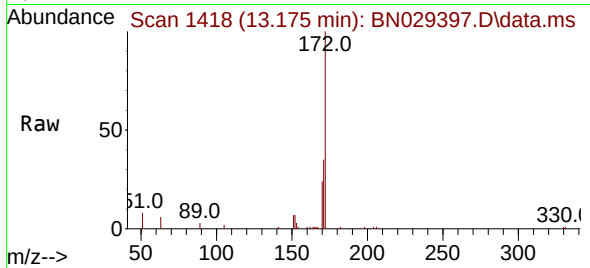




#15  
2-Fluorobiphenyl  
Concen: 0.302 ng  
RT: 13.175 min Scan# 1418  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

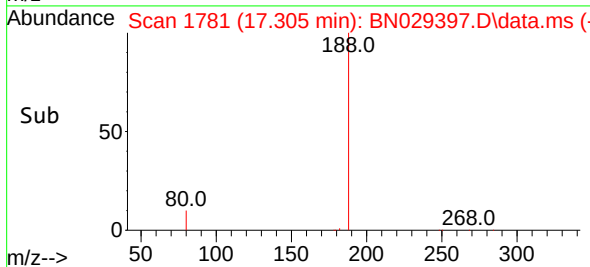
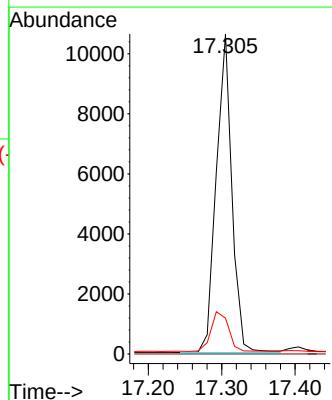
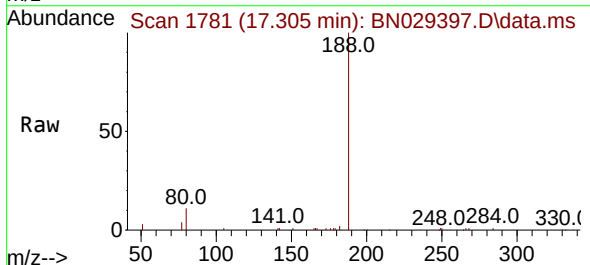
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Tgt Ion:172 Resp: 10432  
Ion Ratio Lower Upper  
172 100  
171 34.8 28.6 43.0  
170 23.7 20.1 30.1

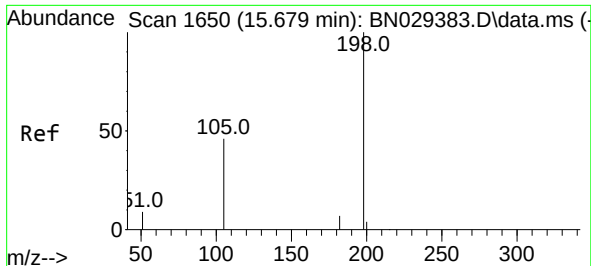


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.305 min Scan# 1781  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

Tgt Ion:188 Resp: 15653  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.2 8.8 13.2







#20

4,6-Dinitro-2-methylphenol

Concen: 0.122 ng

RT: 15.679 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN029397.D

Acq: 26 Jan 2024 17:23

Instrument :

BNA\_N

ClientSampleId :

OWBR-06-219-012524

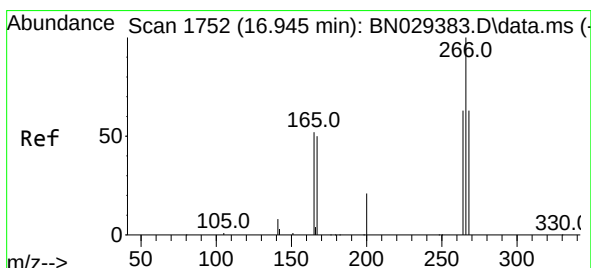
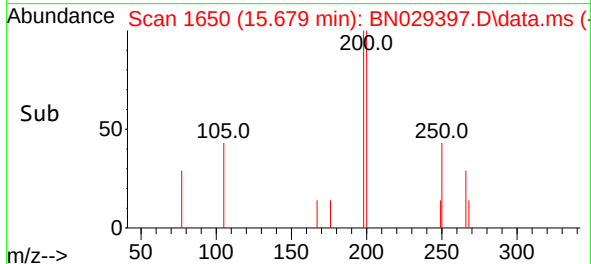
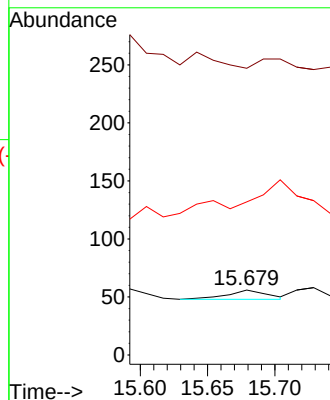
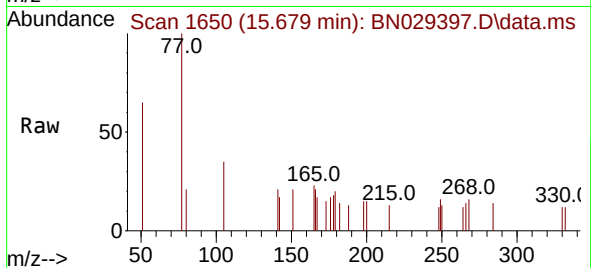
Tgt Ion:198 Resp: 16

Ion Ratio Lower Upper

198 100

51 441.1 68.3 102.5#

105 235.7 48.8 73.2#



#24

Pentachlorophenol

Concen: 0.157 ng

RT: 16.945 min Scan# 1752

Delta R.T. 0.000 min

Lab File: BN029397.D

Acq: 26 Jan 2024 17:23

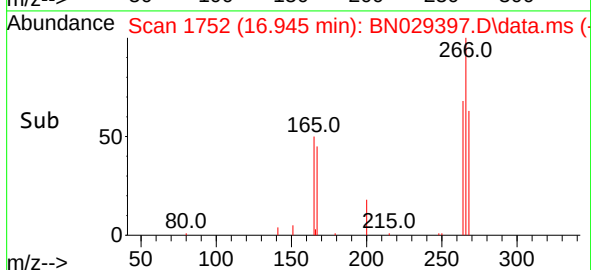
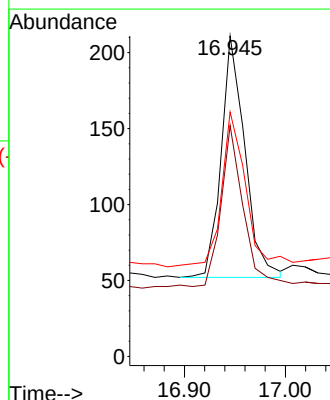
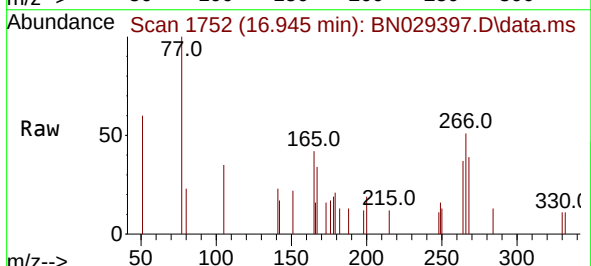
Tgt Ion:266 Resp: 259

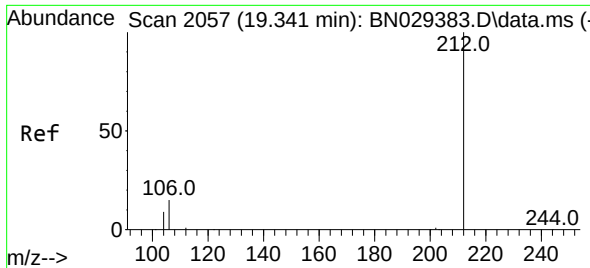
Ion Ratio Lower Upper

266 100

264 65.6 50.6 75.8

268 66.0 51.9 77.9

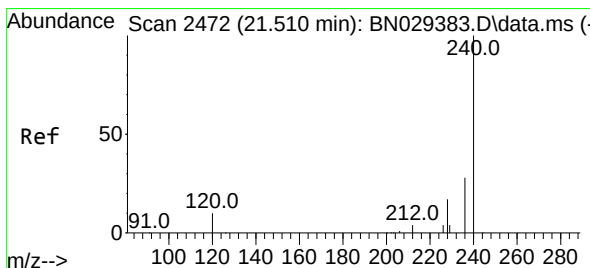
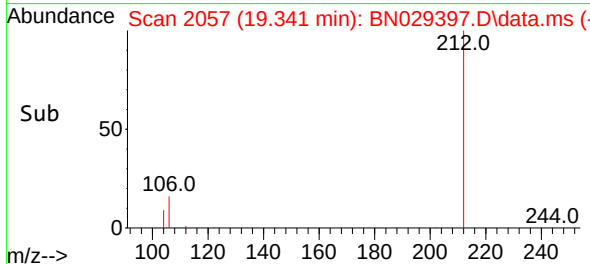
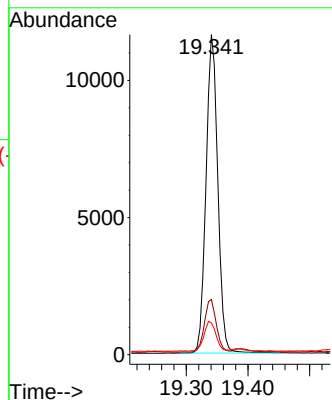
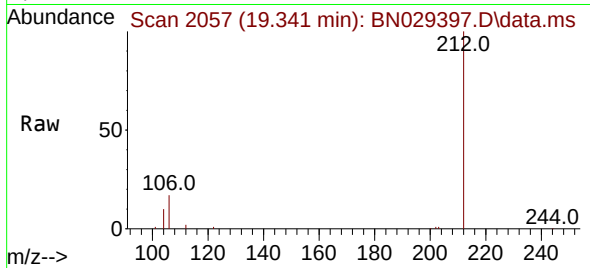




#27  
Fluoranthene-d10  
Concen: 0.340 ng  
RT: 19.341 min Scan# 2057  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

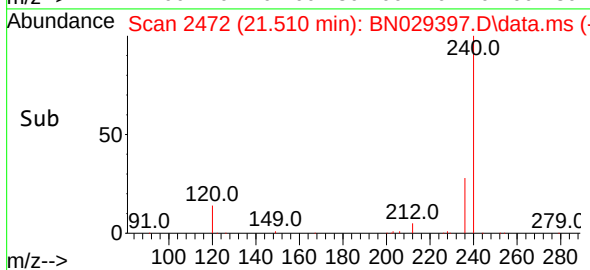
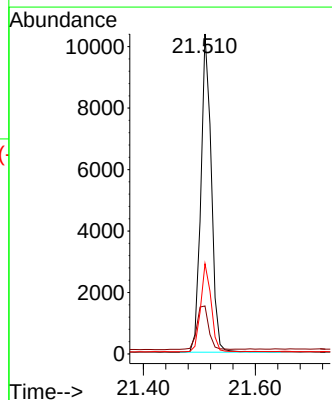
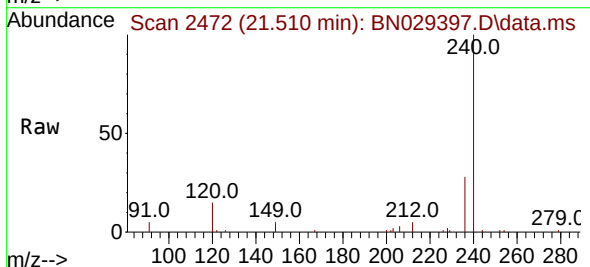
Instrument :  
BNA\_N  
ClientSampleId :  
OWBR-06-219-012524

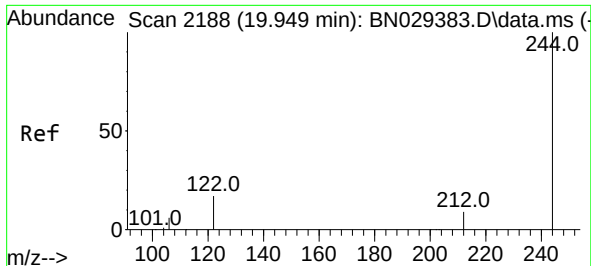
Tgt Ion:212 Resp: 15323  
Ion Ratio Lower Upper  
212 100  
106 16.7 12.8 19.2  
104 9.5 7.7 11.5



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.510 min Scan# 2472  
Delta R.T. 0.000 min  
Lab File: BN029397.D  
Acq: 26 Jan 2024 17:23

Tgt Ion:240 Resp: 13384  
Ion Ratio Lower Upper  
240 100  
120 15.0 9.0 13.6#  
236 28.2 22.6 34.0

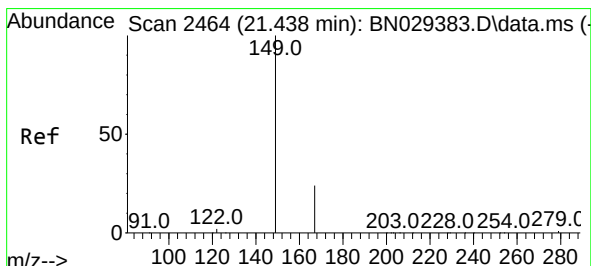
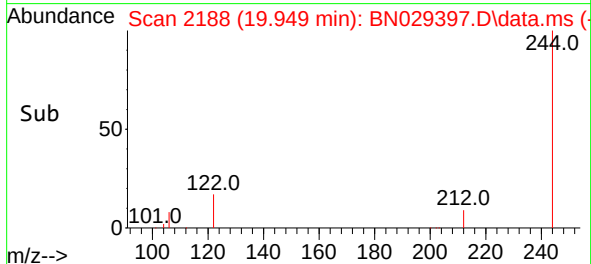
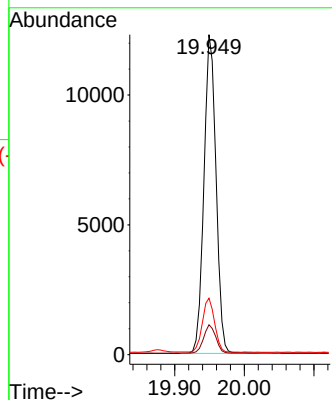
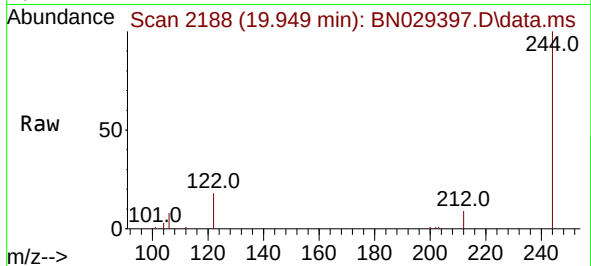




#31  
 Terphenyl-d14  
 Concen: 0.444 ng  
 RT: 19.949 min Scan# 2188  
 Delta R.T. 0.000 min  
 Lab File: BN029397.D  
 Acq: 26 Jan 2024 17:23

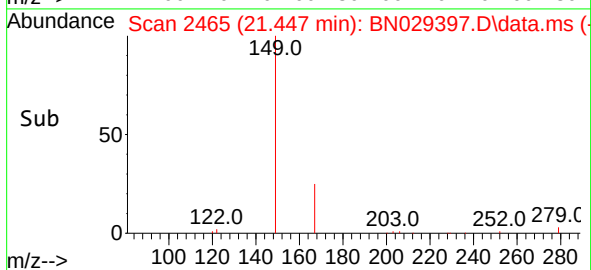
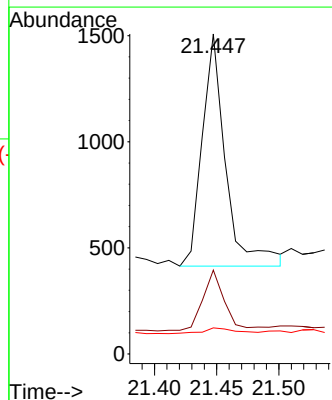
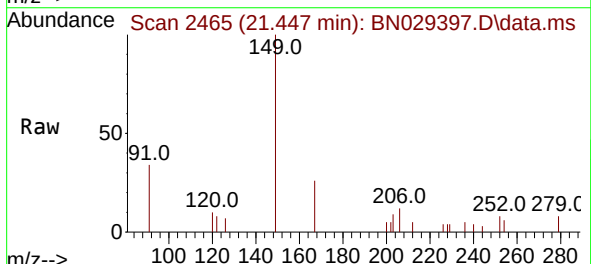
Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-06-219-012524

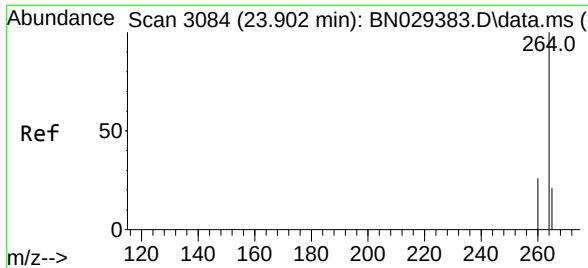
Tgt Ion:244 Resp: 14815  
 Ion Ratio Lower Upper  
 244 100  
 212 9.4 7.6 11.4  
 122 17.6 13.8 20.8



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.043 ng  
 RT: 21.447 min Scan# 2465  
 Delta R.T. 0.009 min  
 Lab File: BN029397.D  
 Acq: 26 Jan 2024 17:23

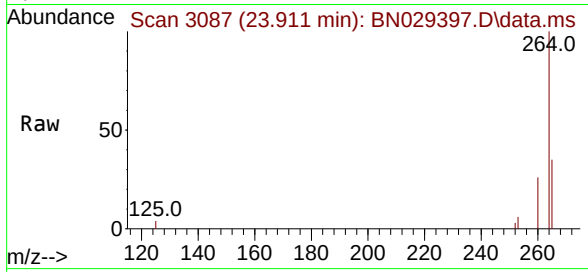
Tgt Ion:149 Resp: 1437  
 Ion Ratio Lower Upper  
 149 100  
 167 25.1 19.5 29.3  
 279 3.3 2.1 3.1#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.911 min Scan# 30  
 Delta R.T. 0.009 min  
 Lab File: BN029397.D  
 Acq: 26 Jan 2024 17:23

Instrument :  
 BNA\_N  
 ClientSampleId :  
 OWBR-06-219-012524



Tgt Ion:264 Resp: 13037

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.9  | 21.3  | 31.9  |
| 265 | 34.5  | 25.7  | 38.5  |

