

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120323\  
 Data File : BN029034.D  
 Acq On : 04 Dec 2023 00:03  
 Operator : MA/JU  
 Sample : 05425-06  
 Misc :  
 ALS Vial : 89 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FB20231114

Quant Time: Dec 04 02:23:38 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 04 00:28:48 2023  
 Response via : Initial Calibration

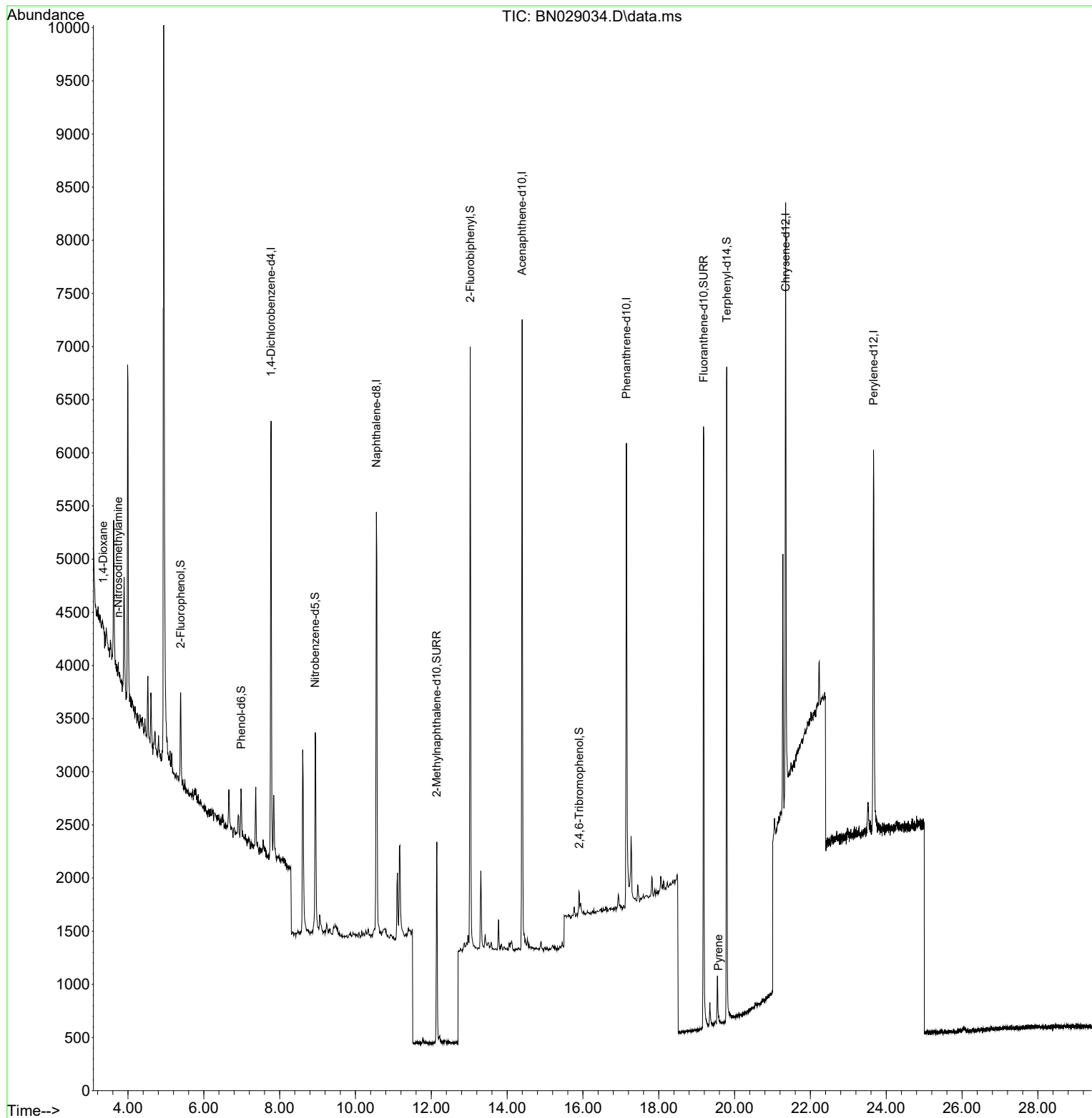
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 2000     | 0.400     | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.552 | 136  | 5556     | 0.400     | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.396 | 164  | 3337     | 0.400     | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.147 | 188  | 6840     | 0.400     | ng    | -0.01    |
| 29) Chrysene-d12              | 21.347 | 240  | 5578     | 0.400     | ng    | # 0.00   |
| 35) Perylene-d12              | 23.667 | 264  | 5312     | 0.400     | ng    | # 0.00   |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 631      | 0.104     | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 390      | 0.058     | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.939  | 82   | 1801     | 0.326     | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.144 | 152  | 2676     | 0.300     | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 162      | 0.072     | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.028 | 172  | 4782     | 0.332     | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.181 | 212  | 6840     | 0.380     | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.794 | 244  | 6490     | 0.405     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.348  | 88   | 86       | 0.044     | ng    | # 1      |
| 3) n-Nitrosodimethylamine     | 3.745  | 42   | 32       | 0.102     | ng    | # 63     |
| 30) Pyrene                    | 19.576 | 202  | 74       | 0.096     | ng    | # 72     |
| 34) Bis(2-ethylhexyl)phtha... | 21.275 | 149  | 2062     | Below Cal |       | # 81     |
| -----                         |        |      |          |           |       |          |

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

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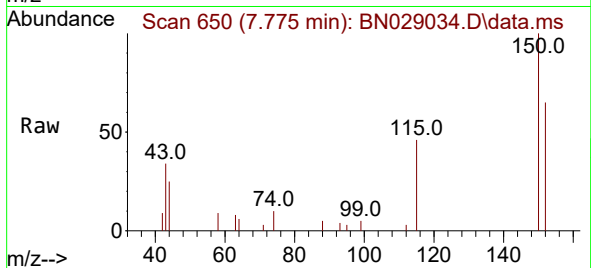
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 04 00:28:48 2023  
Response via : Initial Calibration



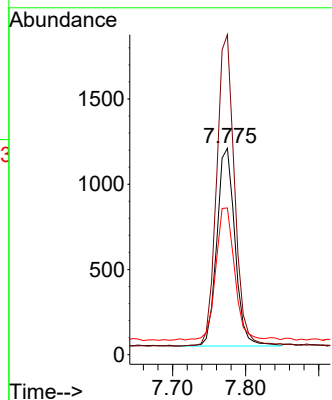
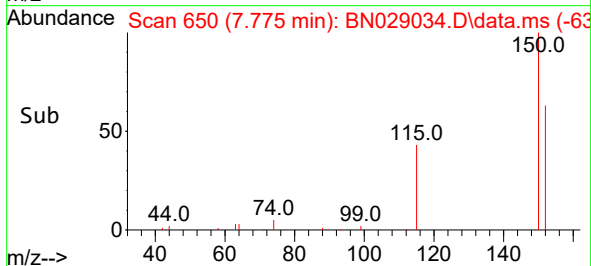


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.775 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN029034.D  
 Acq: 04 Dec 2023 00:03

Instrument :  
 BNA\_N  
 ClientSampleId :  
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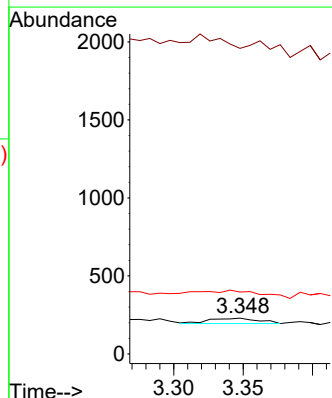
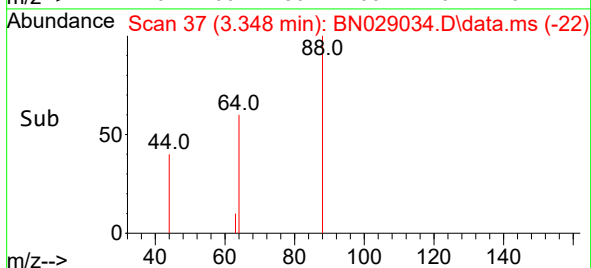
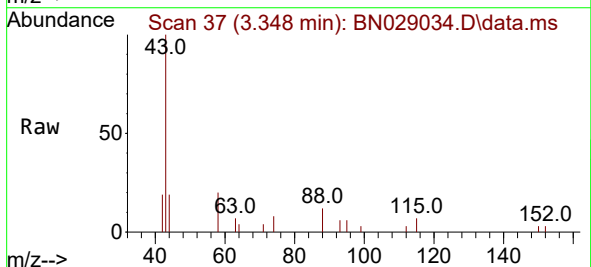


Tgt Ion:152 Resp: 2000  
 Ion Ratio Lower Upper  
 152 100  
 150 155.0 123.4 185.2  
 115 71.1 59.1 88.7



#2  
 1,4-Dioxane  
 Concen: 0.044 ng  
 RT: 3.348 min Scan# 37  
 Delta R.T. 0.007 min  
 Lab File: BN029034.D  
 Acq: 04 Dec 2023 00:03

Tgt Ion: 88 Resp: 86  
 Ion Ratio Lower Upper  
 88 100  
 43 0.0 29.9 44.9#  
 58 211.6 55.0 82.4#

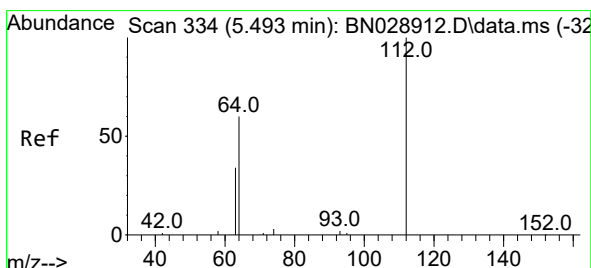
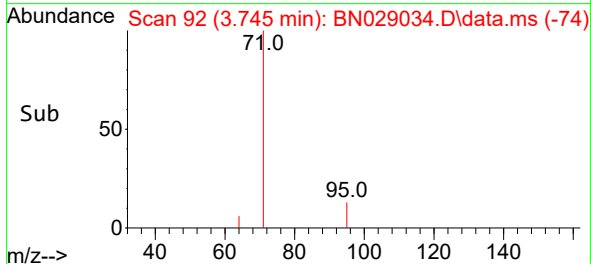
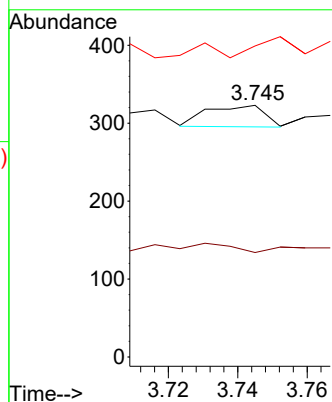
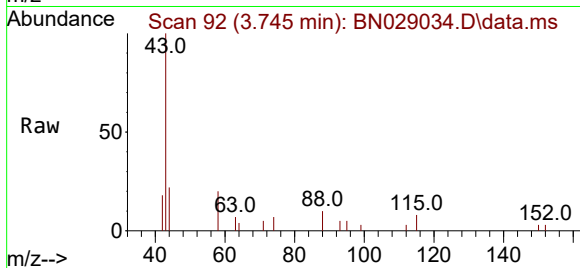




#3  
n-Nitrosodimethylamine  
Concen: 0.102 ng  
RT: 3.745 min Scan# 91  
Delta R.T. 0.029 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

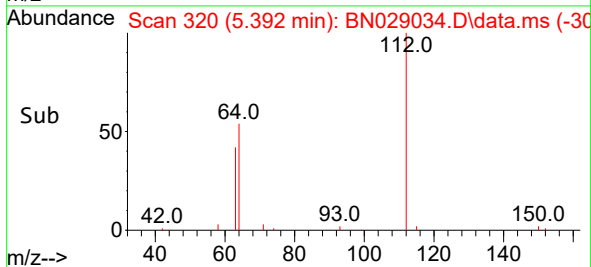
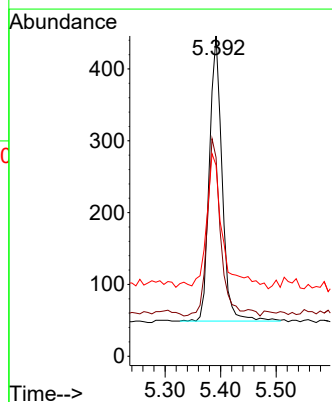
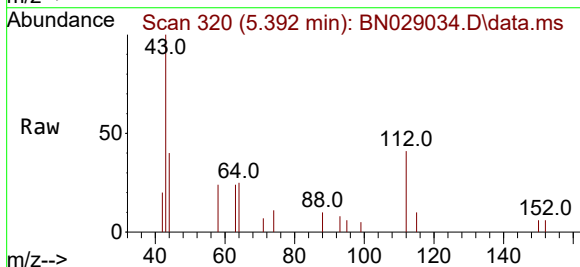
Instrument :  
BNA\_N  
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Tgt Ion: 42 Resp: 32  
Ion Ratio Lower Upper  
42 100  
74 40.6 57.0 85.6#  
44 62.5 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.104 ng  
RT: 5.392 min Scan# 320  
Delta R.T. -0.007 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Tgt Ion: 112 Resp: 631  
Ion Ratio Lower Upper  
112 100  
64 65.0 51.5 77.3  
63 59.4 30.4 45.6#

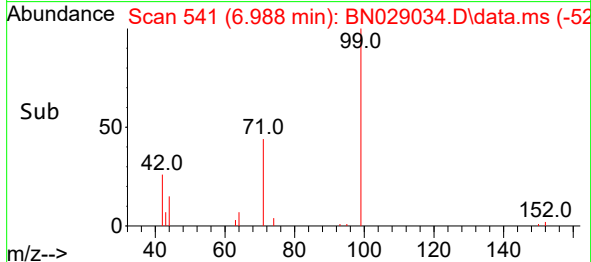
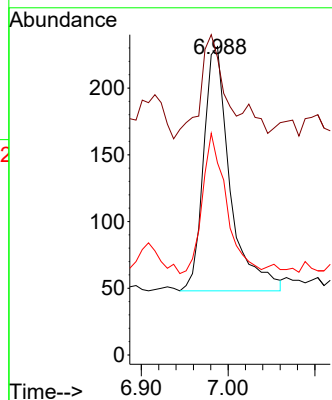
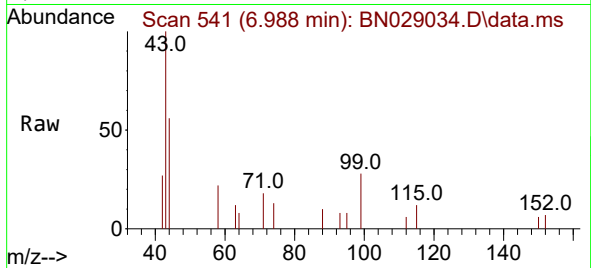




#5  
Phenol-d6  
Concen: 0.058 ng  
RT: 6.988 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

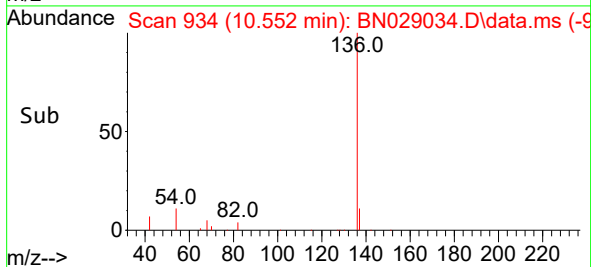
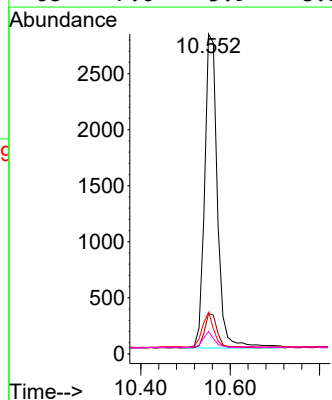
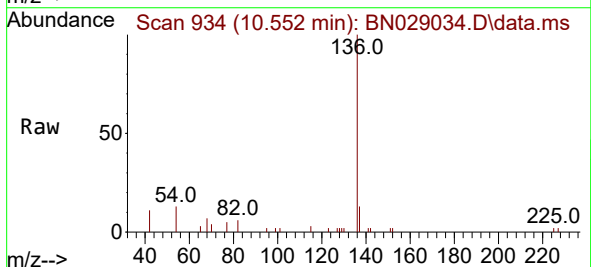
Instrument :  
BNA\_N  
ClientSampleId :  
FB20231114

Tgt Ion: 99 Resp: 390  
Ion Ratio Lower Upper  
99 100  
42 36.9 21.2 31.8#  
71 51.5 35.4 53.0



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.552 min Scan# 934  
Delta R.T. -0.011 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Tgt Ion: 136 Resp: 5556  
Ion Ratio Lower Upper  
136 100  
137 12.6 10.6 16.0  
54 13.0 7.5 11.3#  
68 7.0 5.9 8.9

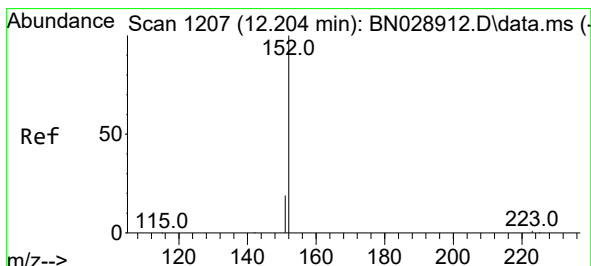
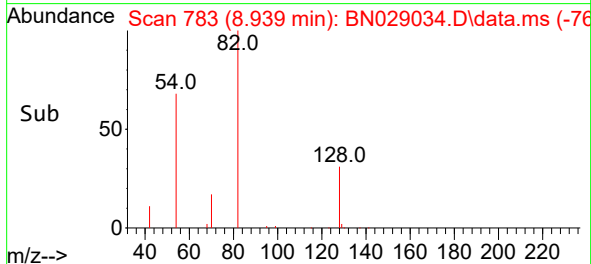
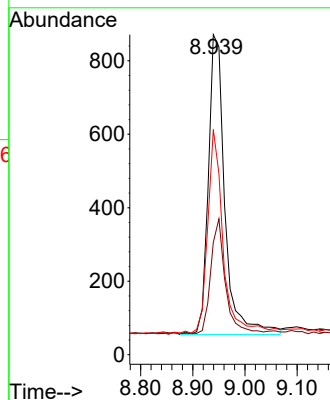
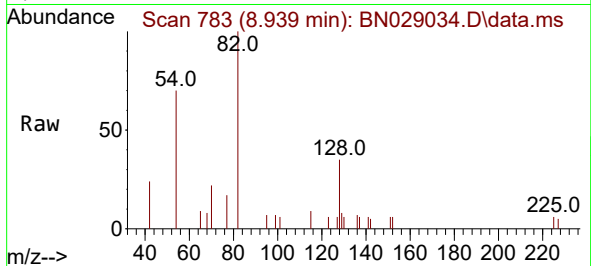




#8  
Nitrobenzene-d5  
Concen: 0.326 ng  
RT: 8.939 min Scan# 71  
Delta R.T. -0.011 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

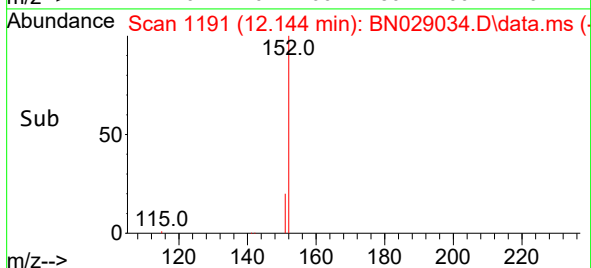
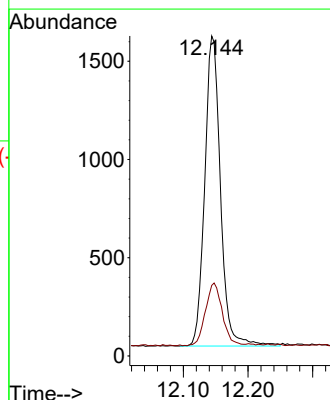
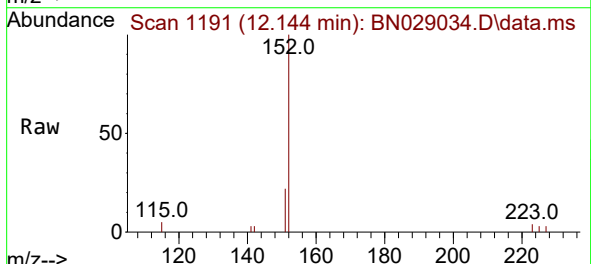
Instrument :  
BNA\_N  
ClientSampleId :  
FB20231114

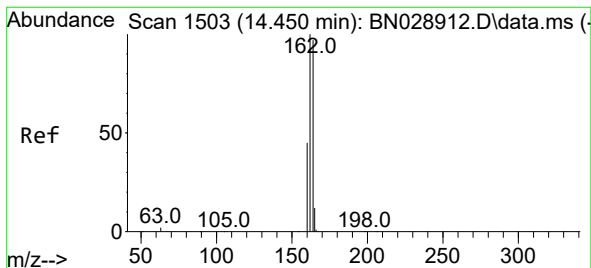
Tgt Ion: 82 Resp: 1801  
Ion Ratio Lower Upper  
82 100  
128 35.1 29.2 43.8  
54 70.4 47.0 70.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.300 ng  
RT: 12.144 min Scan# 1191  
Delta R.T. -0.008 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Tgt Ion: 152 Resp: 2676  
Ion Ratio Lower Upper  
152 100  
151 21.6 16.7 25.1





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.396 min Scan# 14

Delta R.T. -0.011 min

Lab File: BN029034.D

Acq: 04 Dec 2023 00:03

Instrument :

BNA\_N

ClientSampleId :

FB20231114

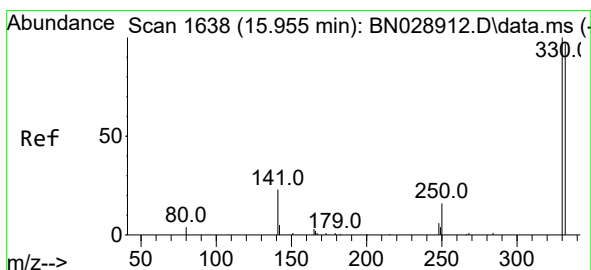
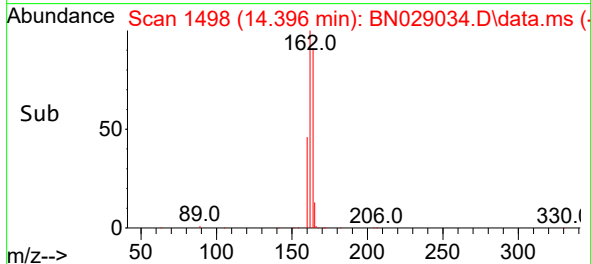
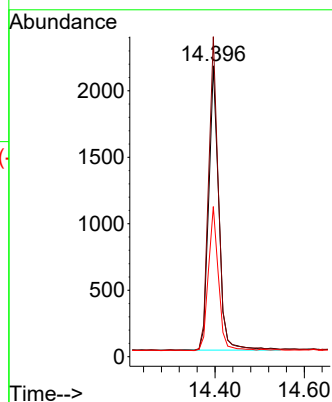
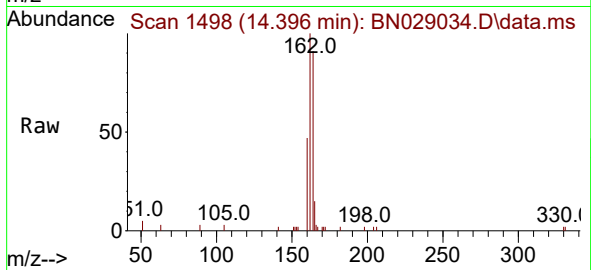
Tgt Ion:164 Resp: 3337

Ion Ratio Lower Upper

164 100

162 110.0 81.7 122.5

160 51.6 37.0 55.6



#14

2,4,6-Tribromophenol

Concen: 0.072 ng

RT: 15.905 min Scan# 1634

Delta R.T. -0.000 min

Lab File: BN029034.D

Acq: 04 Dec 2023 00:03

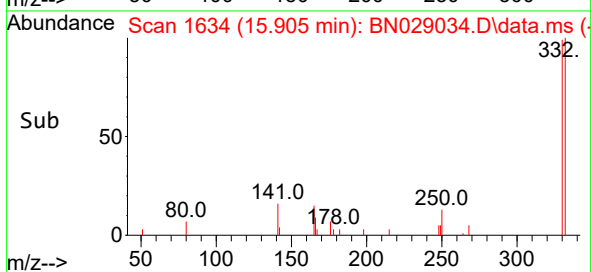
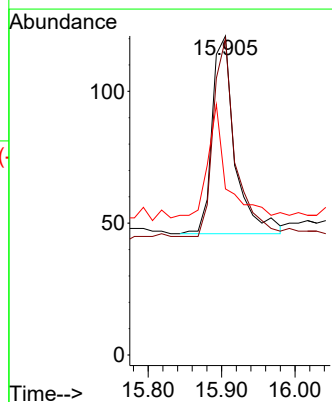
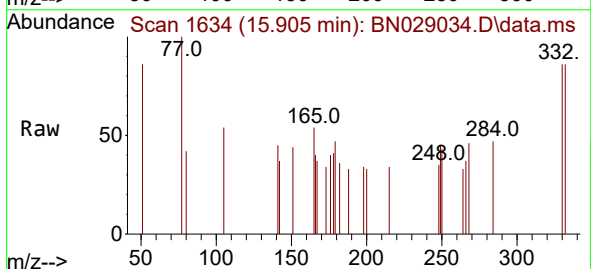
Tgt Ion:330 Resp: 162

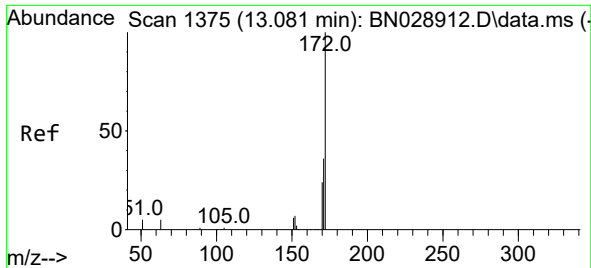
Ion Ratio Lower Upper

330 100

332 97.5 75.4 113.2

141 42.6 35.7 53.5

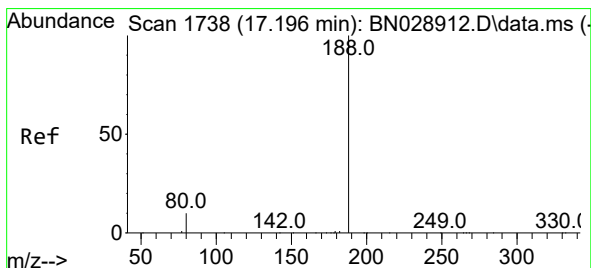
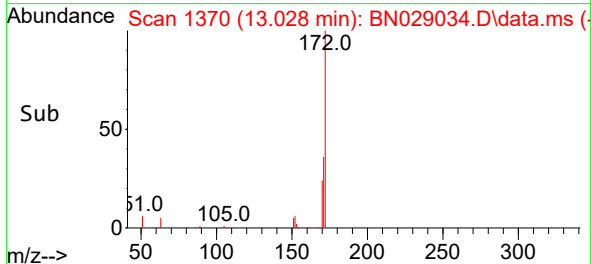
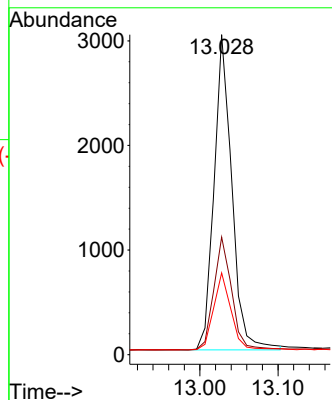
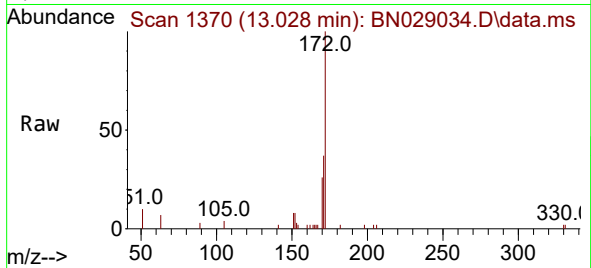




#15  
2-Fluorobiphenyl  
Concen: 0.332 ng  
RT: 13.028 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

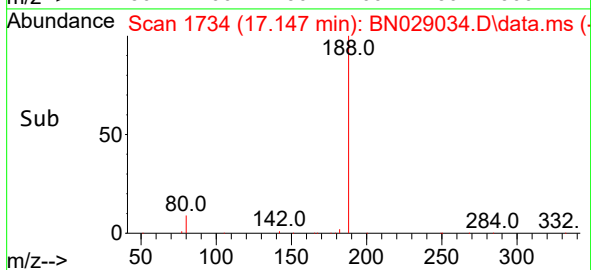
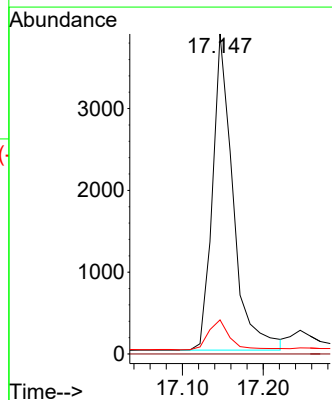
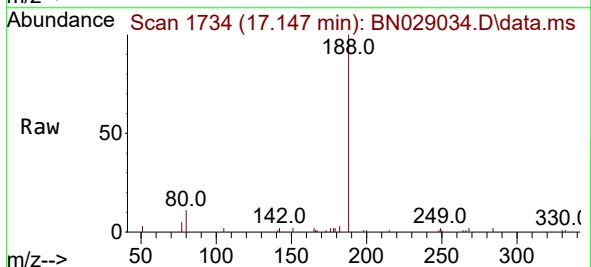
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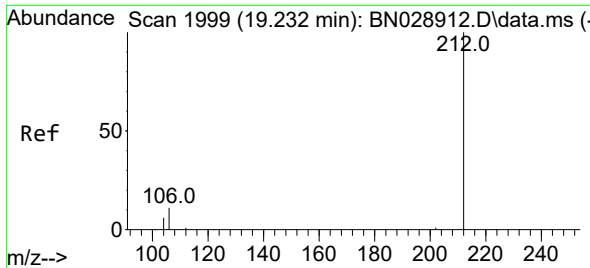
Tgt Ion:172 Resp: 4782  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.0 43.4  
170 25.6 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.147 min Scan# 1734  
Delta R.T. -0.012 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Tgt Ion:188 Resp: 6840  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 9.0 13.6

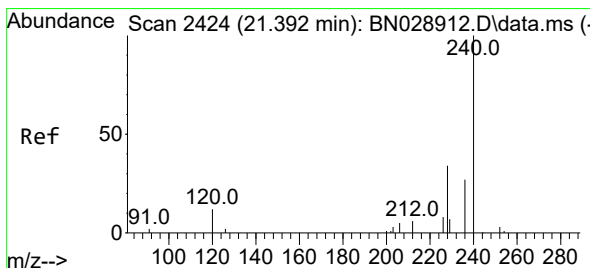
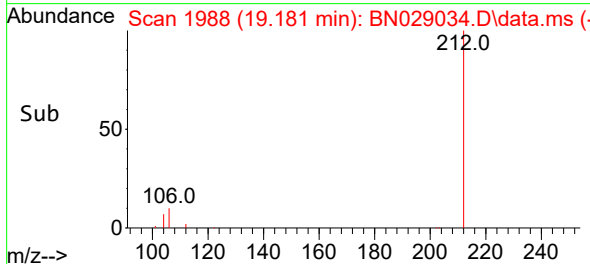
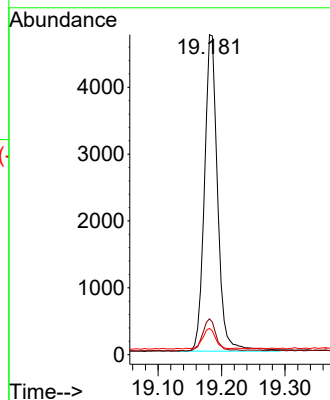
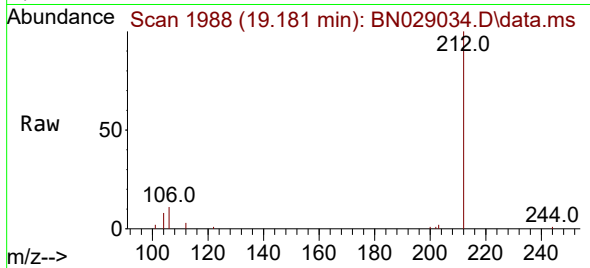




#27  
Fluoranthene-d10  
Concen: 0.380 ng  
RT: 19.181 min Scan# 1919  
Delta R.T. -0.009 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

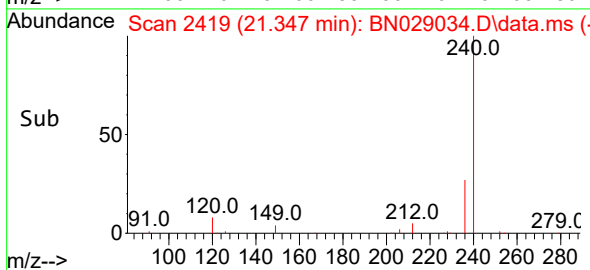
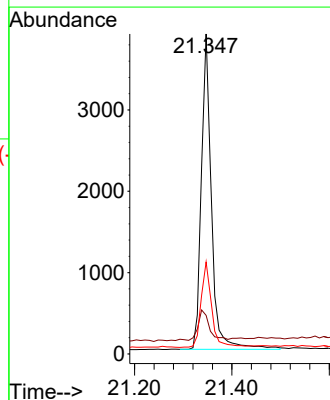
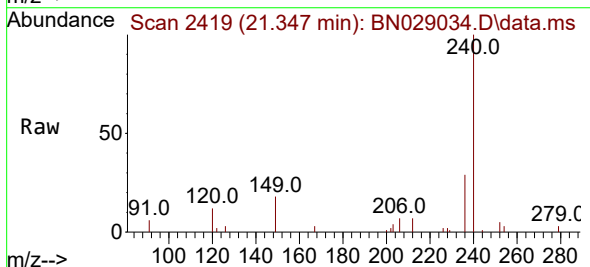
Instrument :  
BNA\_N  
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FB20231114

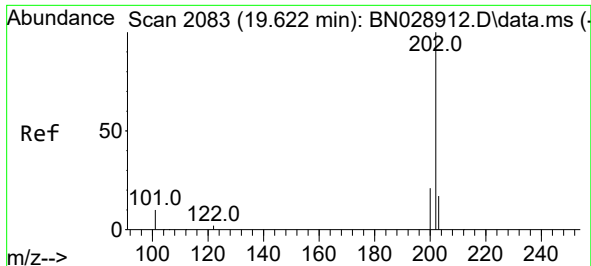
Tgt Ion:212 Resp: 6840  
Ion Ratio Lower Upper  
212 100  
106 10.1 9.4 14.2  
104 6.3 6.2 9.2



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.347 min Scan# 2419  
Delta R.T. -0.000 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Tgt Ion:240 Resp: 5578  
Ion Ratio Lower Upper  
240 100  
120 12.1 37.1 55.7#  
236 28.7 32.4 48.6#

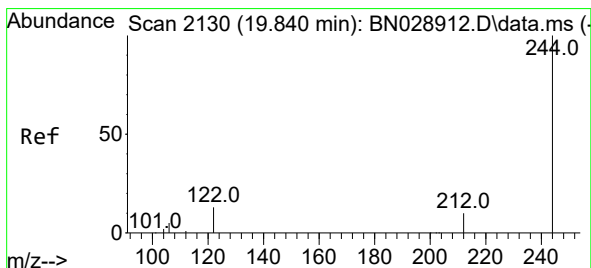
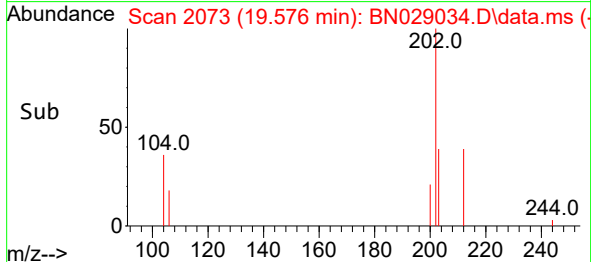
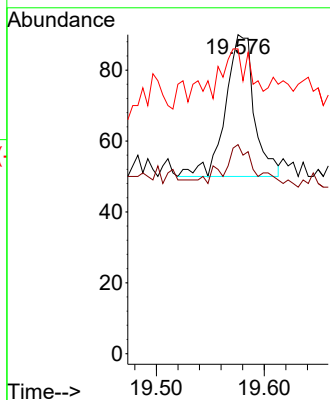
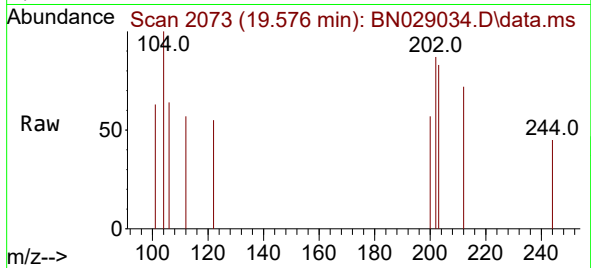




#30  
Pyrene  
Concen: 0.096 ng  
RT: 19.576 min Scan# 20  
Delta R.T. -0.005 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

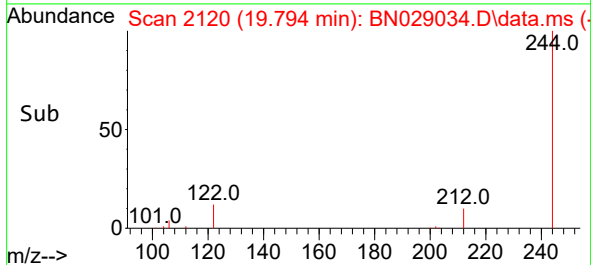
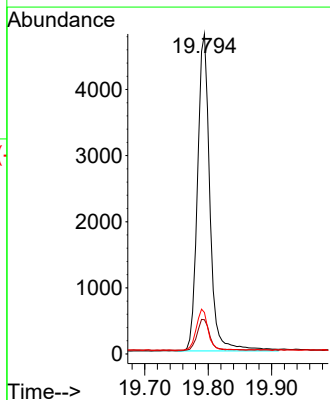
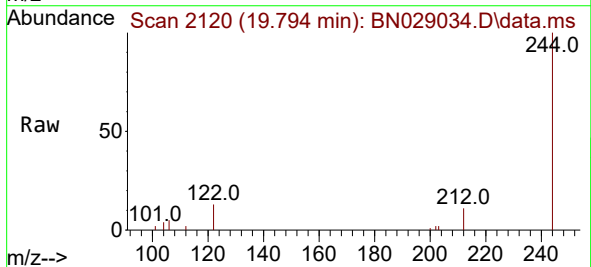
Instrument :  
BNA\_N  
ClientSampleId :  
FB20231114

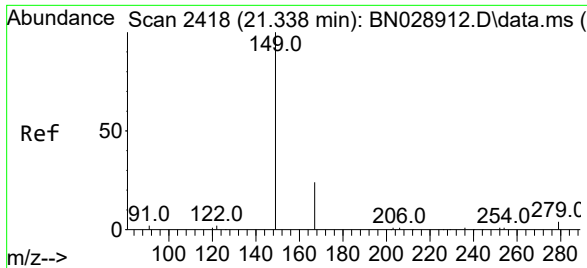
Tgt Ion:202 Resp: 74  
Ion Ratio Lower Upper  
202 100  
200 33.8 16.9 25.3#  
203 31.1 14.8 22.2#



#31  
Terphenyl-d14  
Concen: 0.405 ng  
RT: 19.794 min Scan# 2120  
Delta R.T. -0.000 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Tgt Ion:244 Resp: 6490  
Ion Ratio Lower Upper  
244 100  
212 10.7 11.5 17.3#  
122 13.0 13.2 19.8#

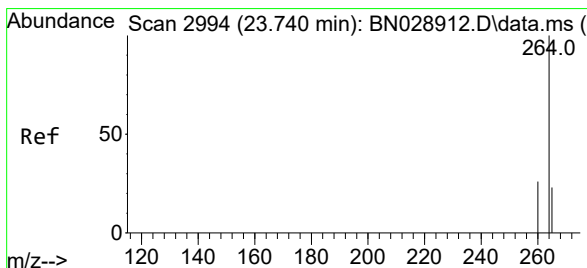
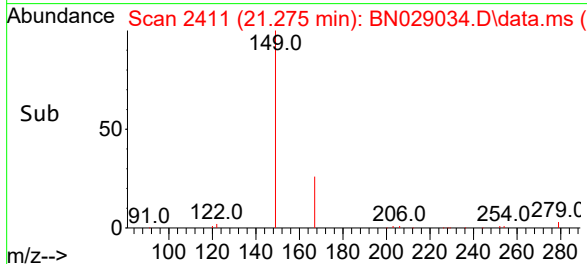
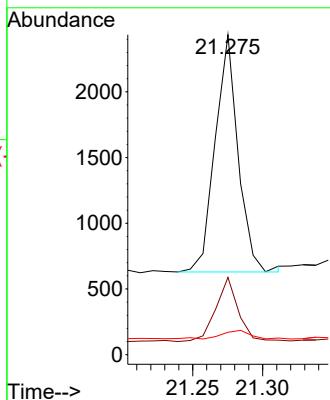
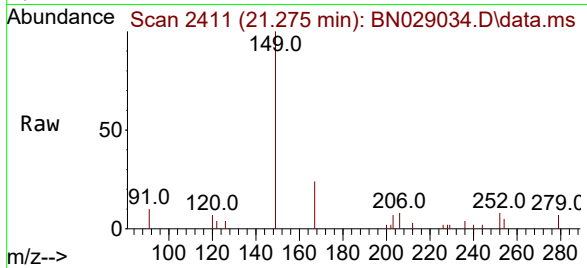




#34  
Bis(2-ethylhexyl)phthalate  
Concen: Below Cal  
RT: 21.275 min Scan# 2411  
Delta R.T. -0.000 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Instrument :  
BNA\_N  
ClientSampleId :  
FB20231114

Tgt Ion:149 Resp: 2062  
Ion Ratio Lower Upper  
149 100  
167 29.2 14.9 22.3#  
279 4.9 6.3 9.5#



#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.667 min Scan# 2969  
Delta R.T. -0.003 min  
Lab File: BN029034.D  
Acq: 04 Dec 2023 00:03

Tgt Ion:264 Resp: 5312  
Ion Ratio Lower Upper  
264 100  
260 26.8 20.6 30.8  
265 71.5 464.5 696.7#

