

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
 Data File : BN028983.D  
 Acq On : 02 Dec 2023 14:01  
 Operator : MA/JU  
 Sample : 05403-13  
 Misc :  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP04-20231112

Quant Time: Dec 03 08:13:54 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Dec 01 23:11:55 2023  
 Response via : Initial Calibration

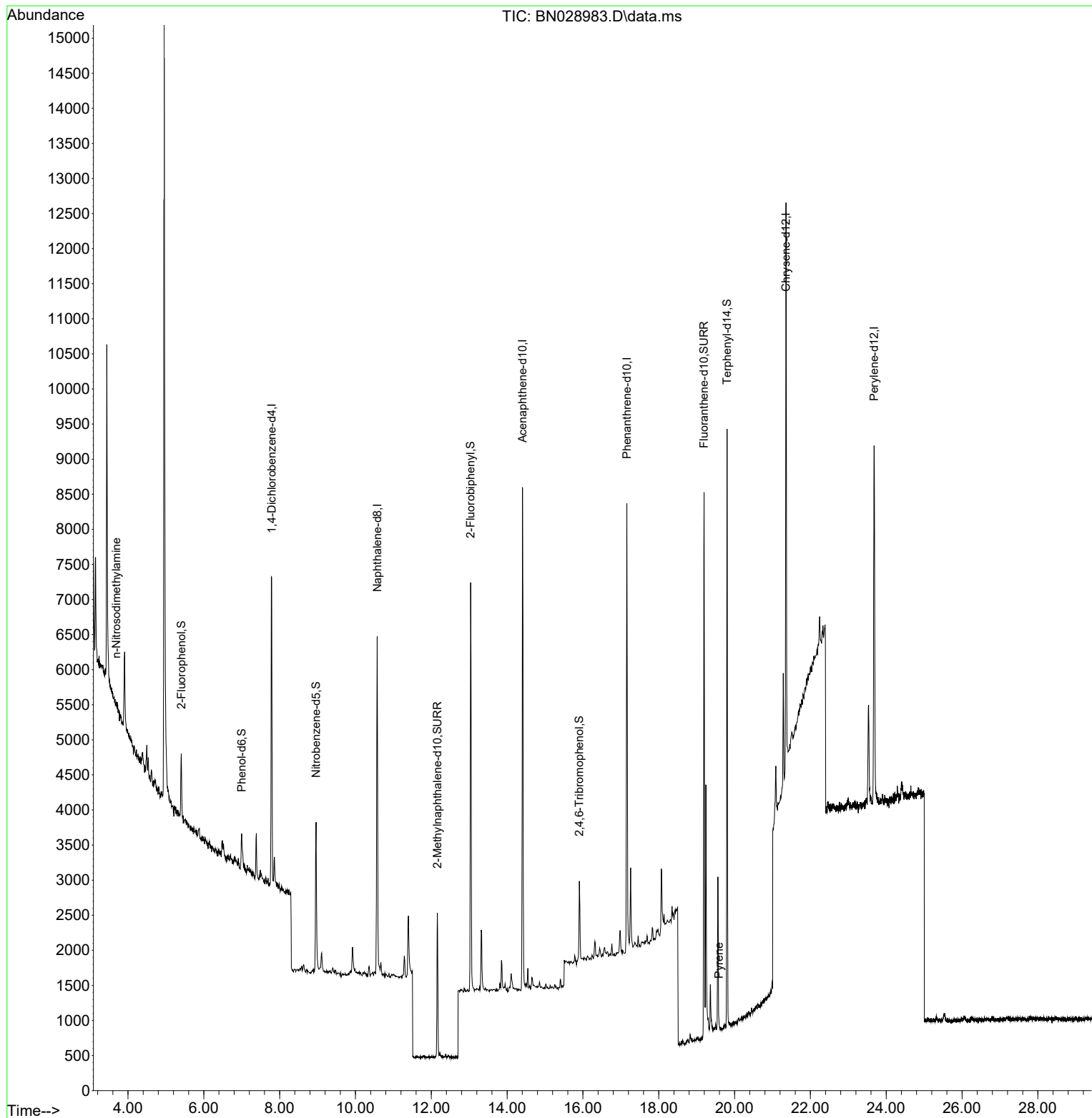
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.789  | 152  | 2143     | 0.400     | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.573 | 136  | 6471     | 0.400     | ng    | -0.01    |
| 13) Acenaphthene-d10          | 14.407 | 164  | 4036     | 0.400     | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.159 | 188  | 8810     | 0.400     | ng    | -0.01    |
| 29) Chrysene-d12              | 21.356 | 240  | 7449     | 0.400     | ng    | #-0.02   |
| 35) Perylene-d12              | 23.681 | 264  | 6981     | 0.400     | ng    | #-0.03   |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.406  | 112  | 674      | 0.104     | ng    | 0.00     |
| 5) Phenol-d6                  | 7.002  | 99   | 458      | 0.064     | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.961  | 82   | 1871     | 0.291     | ng    | -0.01    |
| 11) 2-Methylnaphthalene-d10   | 12.159 | 152  | 2812     | 0.271     | ng    | -0.01    |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 725      | 0.266     | ng    | -0.01    |
| 15) 2-Fluorobiphenyl          | 13.038 | 172  | 5171     | 0.297     | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.195 | 212  | 8848     | 0.382     | ng    | -0.01    |
| 31) Terphenyl-d14             | 19.803 | 244  | 8336     | 0.395     | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
| 3) n-Nitrosodimethylamine     | 3.694  | 42   | 55       | 0.108     | ng    | # 47     |
| 30) Pyrene                    | 19.589 | 202  | 84       | 0.096     | ng    | # 73     |
| 34) Bis(2-ethylhexyl)phtha... | 21.284 | 149  | 1892     | Below Cal |       | # 89     |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120123\  
Data File : BN028983.D  
Acq On : 02 Dec 2023 14:01  
Operator : MA/JU  
Sample : 05403-13  
Misc :  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
BNA\_N  
ClientSampleId :  
DUP04-20231112

Quant Time: Dec 03 08:13:54 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN113023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Dec 01 23:11:55 2023  
Response via : Initial Calibration

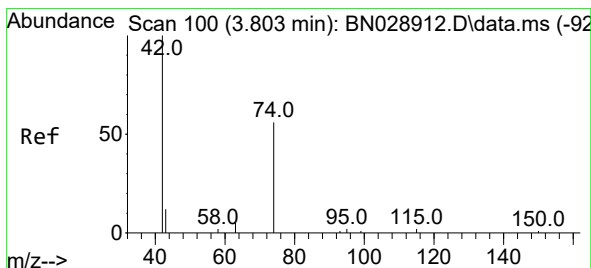
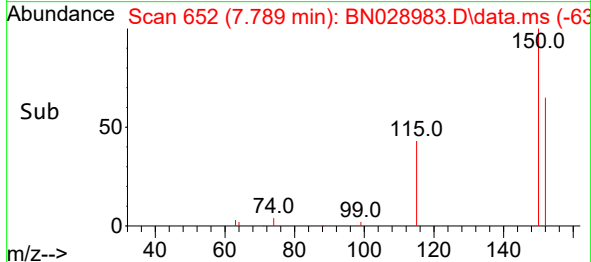
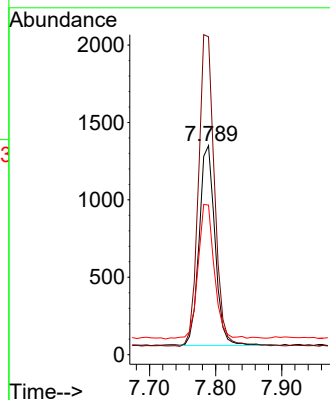
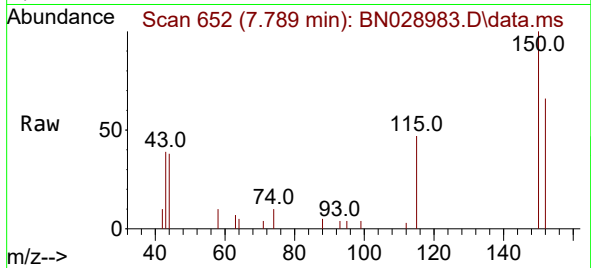




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.789 min Scan# 61  
Delta R.T. -0.008 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

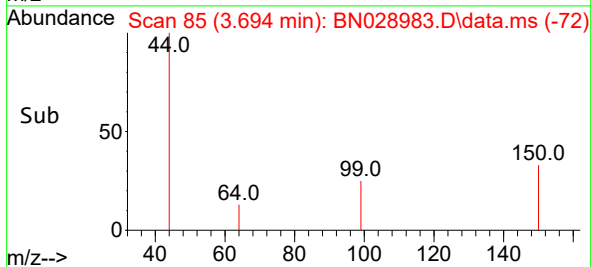
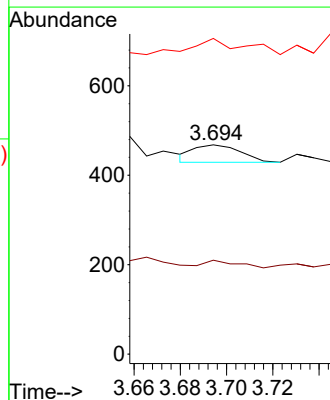
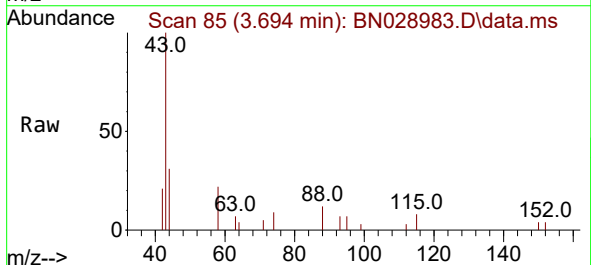
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BNA\_N  
ClientSampleId :  
DUP04-20231112

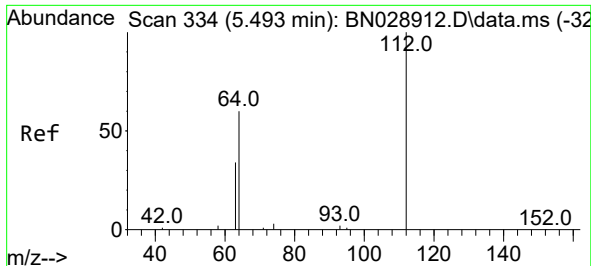
Tgt Ion:152 Resp: 2143  
Ion Ratio Lower Upper  
152 100  
150 152.0 123.4 185.2  
115 71.5 59.1 88.7



#3  
n-Nitrosodimethylamine  
Concen: 0.108 ng  
RT: 3.694 min Scan# 85  
Delta R.T. -0.007 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

Tgt Ion: 42 Resp: 55  
Ion Ratio Lower Upper  
42 100  
74 27.3 57.0 85.6#  
44 100.0 0.0 0.0#

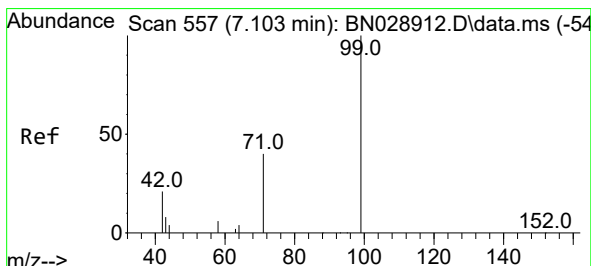
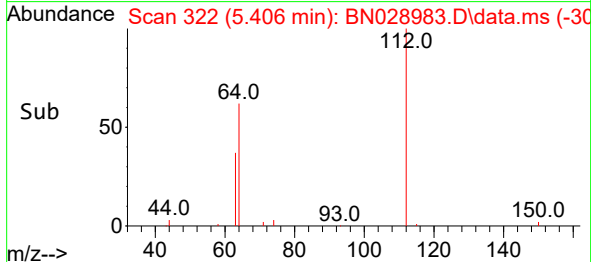
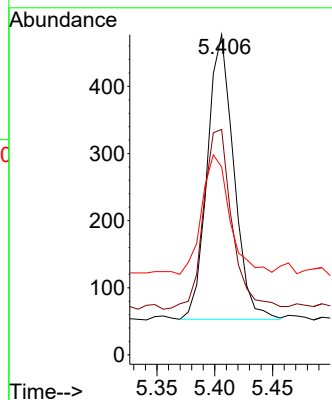
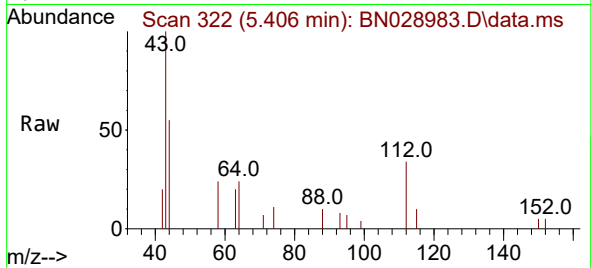




#4  
2-Fluorophenol  
Concen: 0.104 ng  
RT: 5.406 min Scan# 31  
Delta R.T. -0.007 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

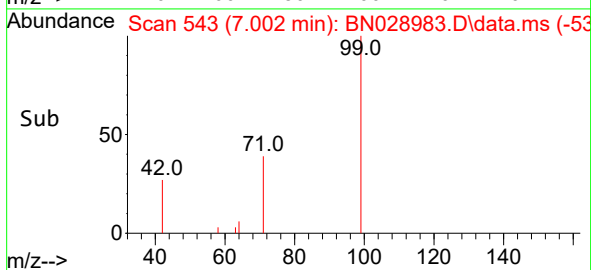
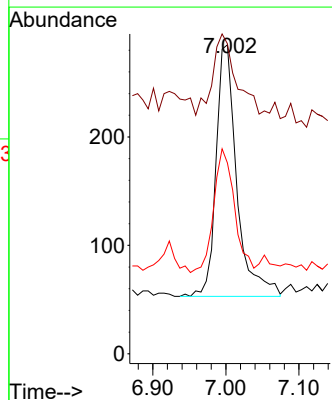
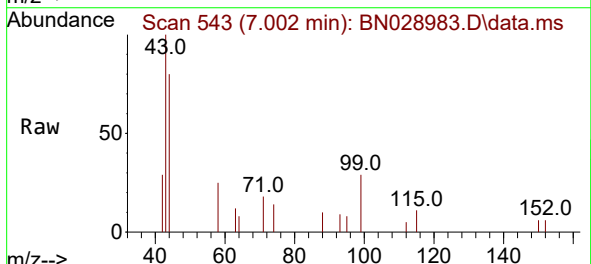
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BNA\_N  
ClientSampleId :  
DUP04-20231112

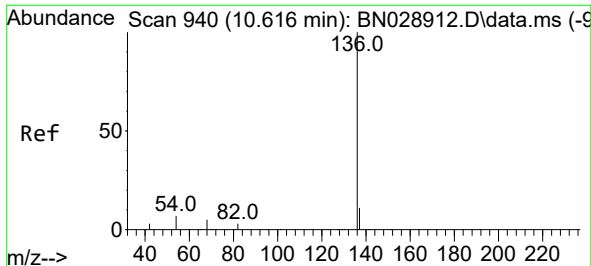
Tgt Ion:112 Resp: 674  
Ion Ratio Lower Upper  
112 100  
64 68.5 51.5 77.3  
63 44.4 30.4 45.6



#5  
Phenol-d6  
Concen: 0.064 ng  
RT: 7.002 min Scan# 543  
Delta R.T. -0.007 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

Tgt Ion: 99 Resp: 458  
Ion Ratio Lower Upper  
99 100  
42 36.9 21.2 31.8#  
71 48.9 35.4 53.0

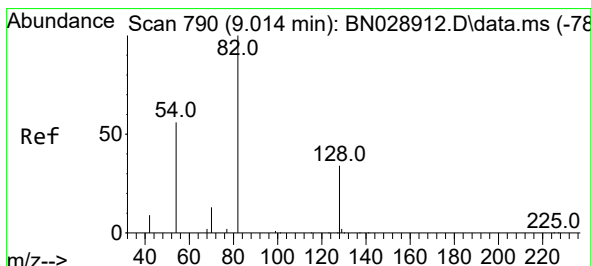
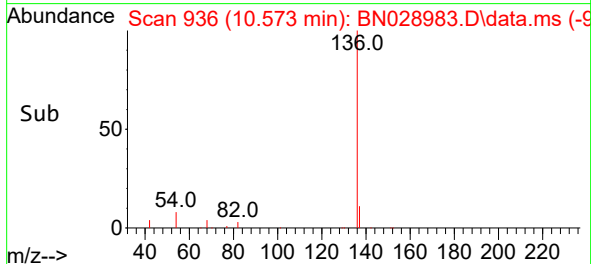
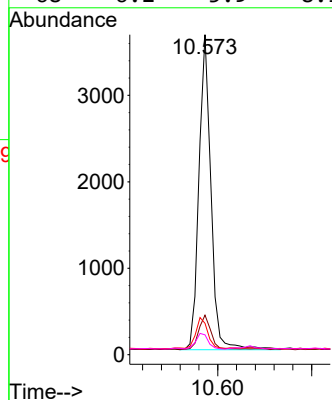
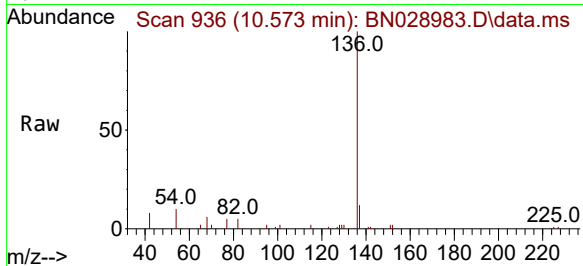




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.573 min Scan# 91  
Delta R.T. -0.011 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

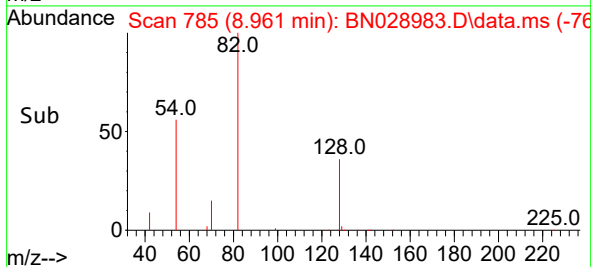
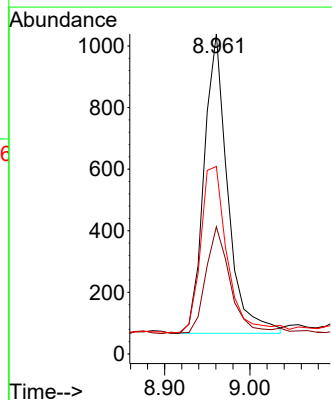
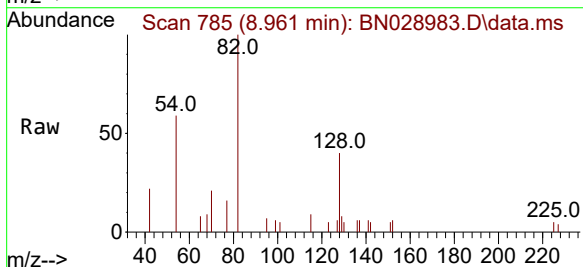
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BNA\_N  
ClientSampleId :  
DUP04-20231112

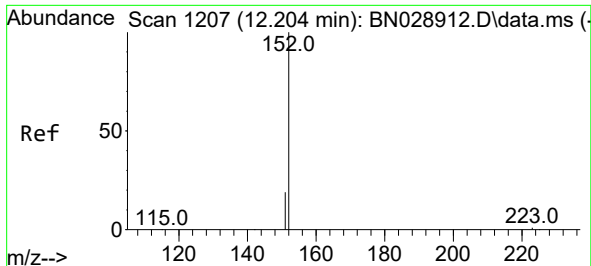
Tgt Ion:136 Resp: 6471  
Ion Ratio Lower Upper  
136 100  
137 12.4 10.6 16.0  
54 9.8 7.5 11.3  
68 6.2 5.9 8.9



#8  
Nitrobenzene-d5  
Concen: 0.291 ng  
RT: 8.961 min Scan# 785  
Delta R.T. -0.011 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

Tgt Ion: 82 Resp: 1871  
Ion Ratio Lower Upper  
82 100  
128 39.7 29.2 43.8  
54 58.6 47.0 70.6

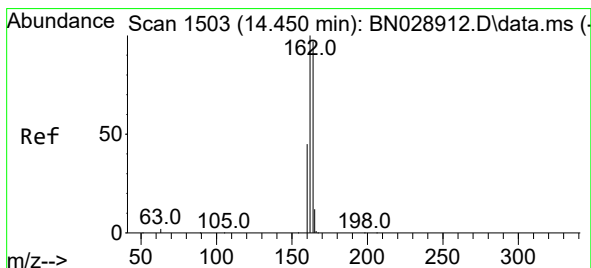
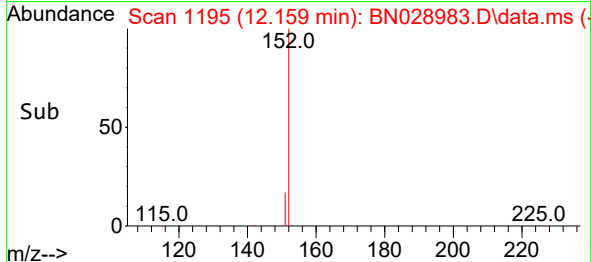
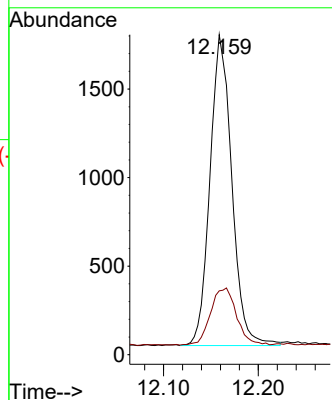
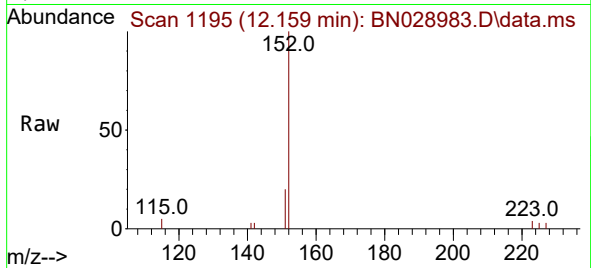




#11  
2-Methylnaphthalene-d10  
Concen: 0.271 ng  
RT: 12.159 min Scan# 1195  
Delta R.T. -0.012 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

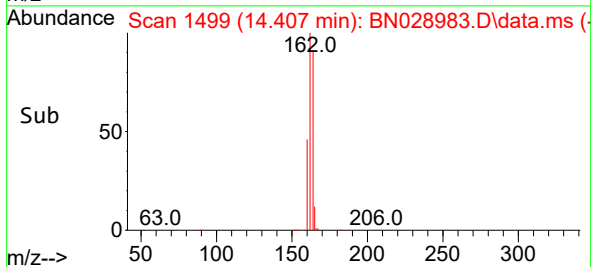
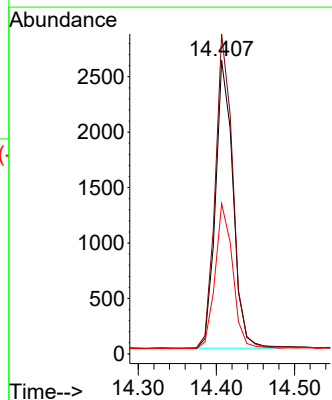
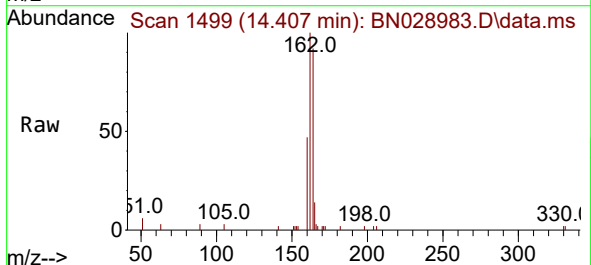
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BNA\_N  
ClientSampleId :  
DUP04-20231112

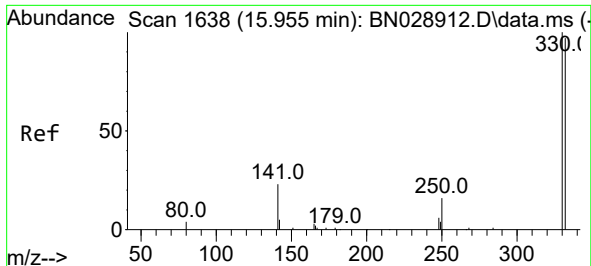
Tgt Ion:152 Resp: 2812  
Ion Ratio Lower Upper  
152 100  
151 21.8 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.407 min Scan# 1499  
Delta R.T. -0.011 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

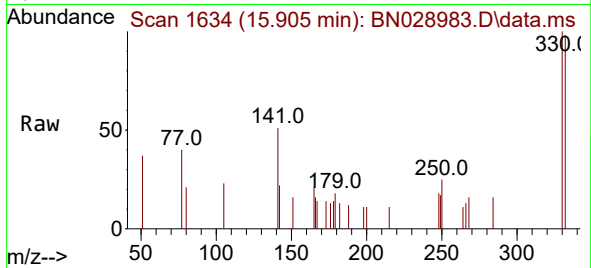
Tgt Ion:164 Resp: 4036  
Ion Ratio Lower Upper  
164 100  
162 109.0 81.7 122.5  
160 51.2 37.0 55.6



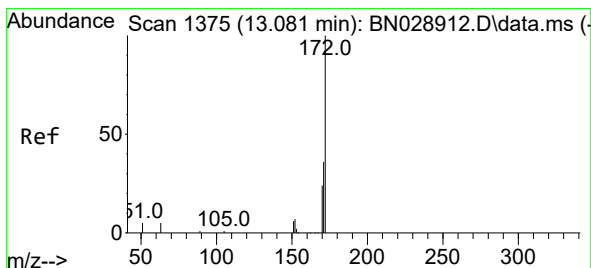
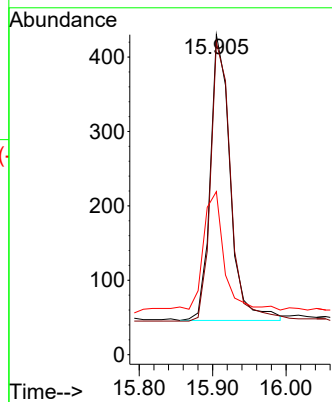
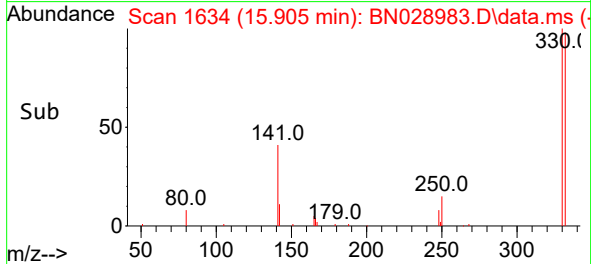


#14  
2,4,6-Tribromophenol  
Concen: 0.266 ng  
RT: 15.905 min Scan# 1634  
Delta R.T. -0.013 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

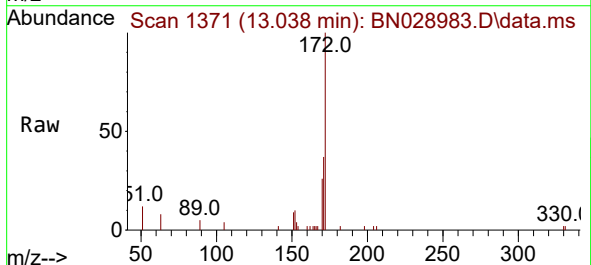
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ClientSampleId :  
DUP04-20231112



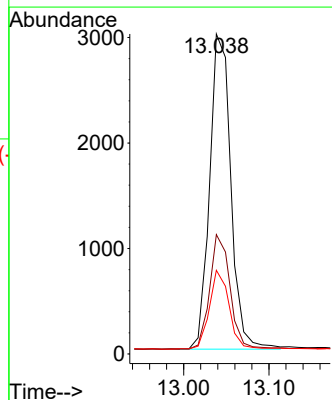
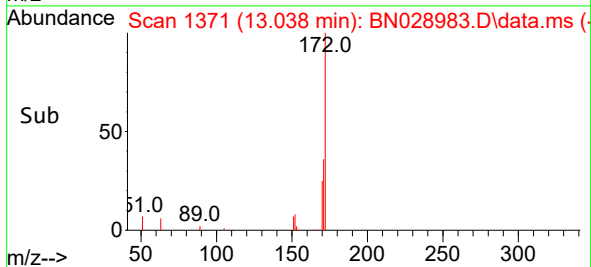
Tgt Ion:330 Resp: 725  
Ion Ratio Lower Upper  
330 100  
332 98.9 75.4 113.2  
141 42.5 35.7 53.5

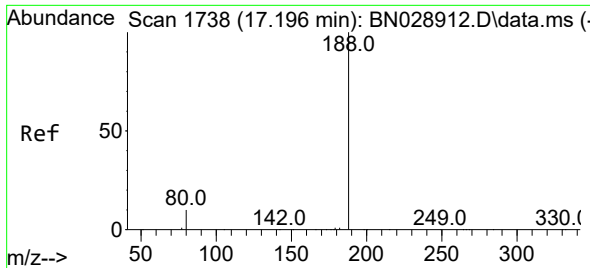


#15  
2-Fluorobiphenyl  
Concen: 0.297 ng  
RT: 13.038 min Scan# 1371  
Delta R.T. -0.011 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01



Tgt Ion:172 Resp: 5171  
Ion Ratio Lower Upper  
172 100  
171 37.3 29.0 43.4  
170 26.2 19.7 29.5

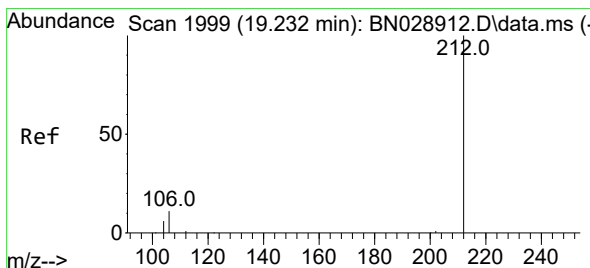
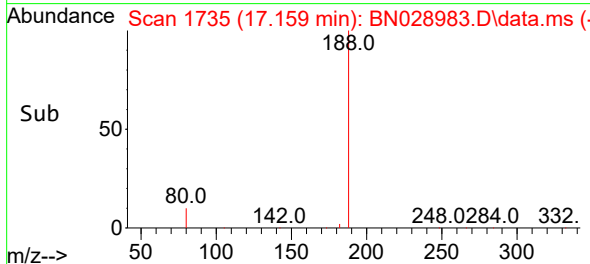
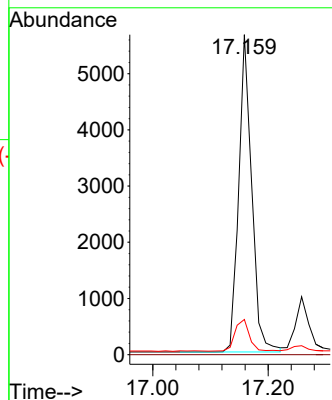
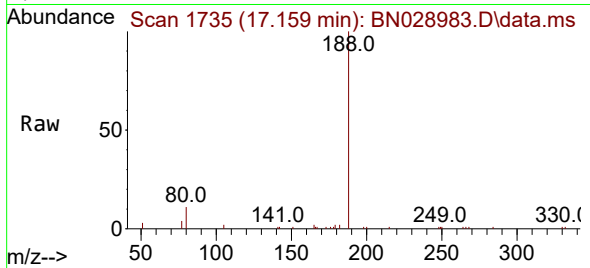




#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.159 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

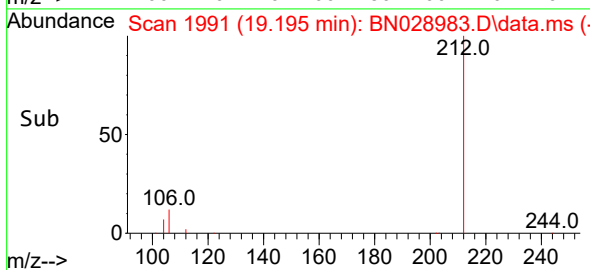
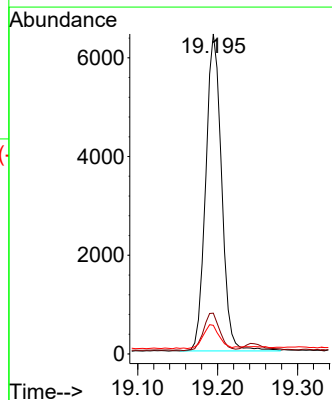
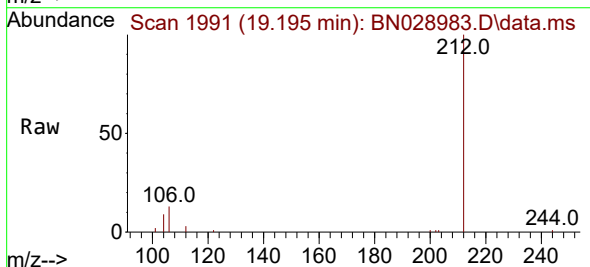
Instrument :  
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ClientSampleId :  
DUP04-20231112

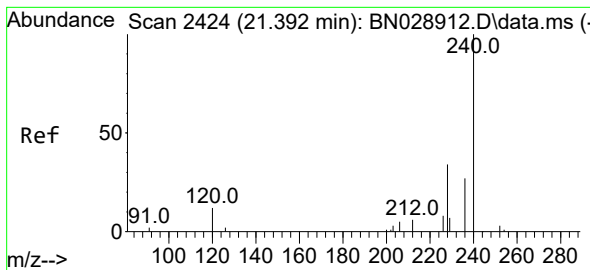
Tgt Ion:188 Resp: 8810  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.0 9.0 13.6



#27  
Fluoranthene-d10  
Concen: 0.382 ng  
RT: 19.195 min Scan# 1991  
Delta R.T. -0.014 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

Tgt Ion:212 Resp: 8848  
Ion Ratio Lower Upper  
212 100  
106 12.2 9.4 14.2  
104 7.7 6.2 9.2





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.356 min Scan# 2420

Delta R.T. -0.018 min

Lab File: BN028983.D

Acq: 02 Dec 2023 14:01

Instrument :

BNA\_N

ClientSampleId :

DUP04-20231112

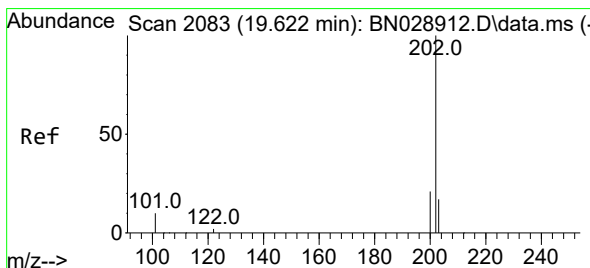
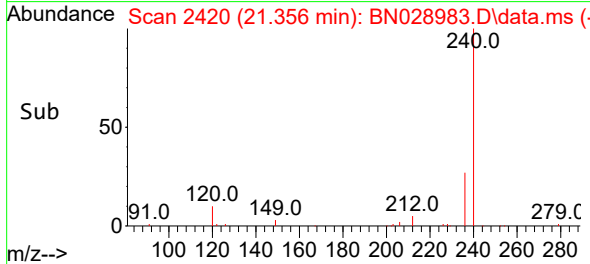
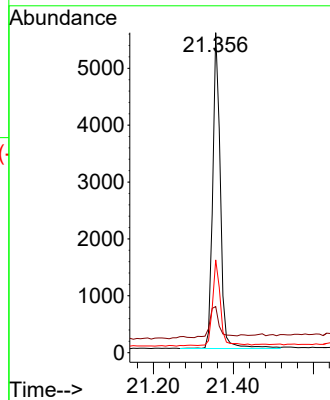
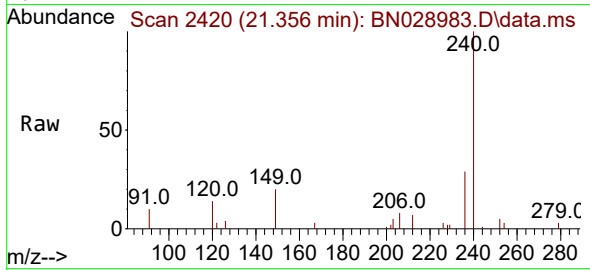
Tgt Ion:240 Resp: 7449

Ion Ratio Lower Upper

240 100

120 14.4 37.1 55.7#

236 29.0 32.4 48.6#



#30

Pyrene

Concen: 0.096 ng

RT: 19.589 min Scan# 2076

Delta R.T. -0.014 min

Lab File: BN028983.D

Acq: 02 Dec 2023 14:01

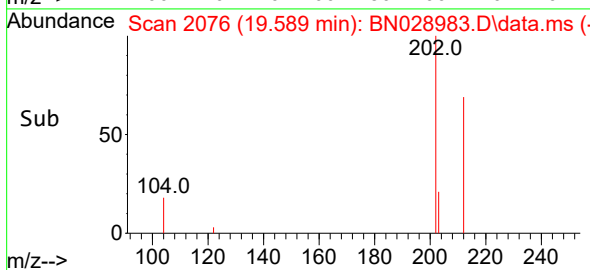
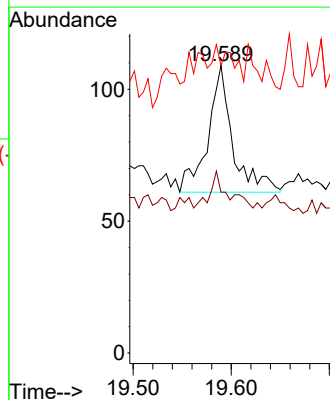
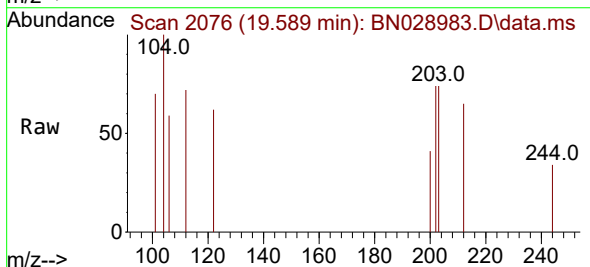
Tgt Ion:202 Resp: 84

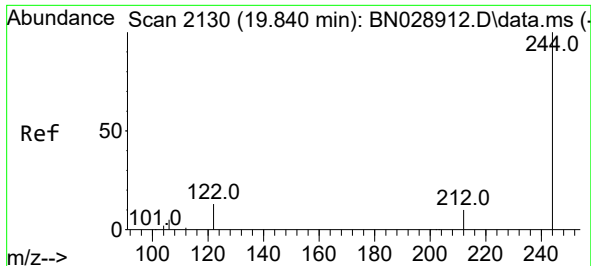
Ion Ratio Lower Upper

202 100

200 14.3 16.9 25.3#

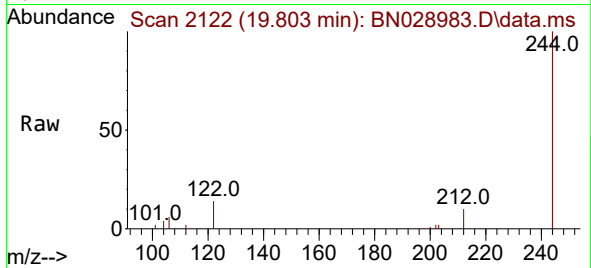
203 0.0 14.8 22.2#



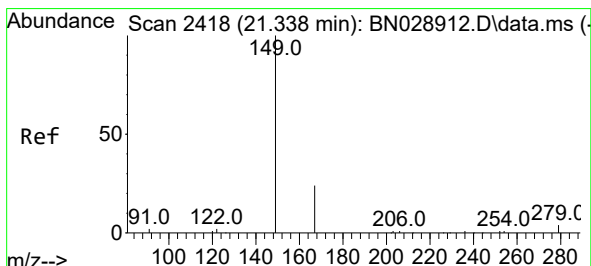
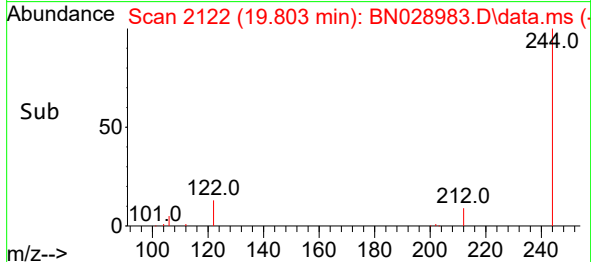
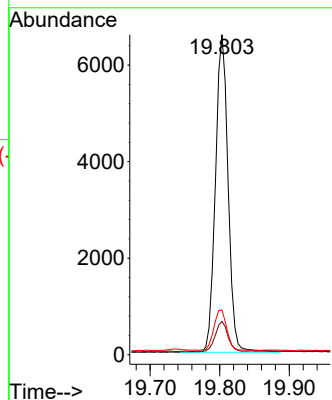


#31  
Terphenyl-d14  
Concen: 0.395 ng  
RT: 19.803 min Scan# 2122  
Delta R.T. -0.014 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

Instrument :  
BNA\_N  
ClientSampleId :  
DUP04-20231112

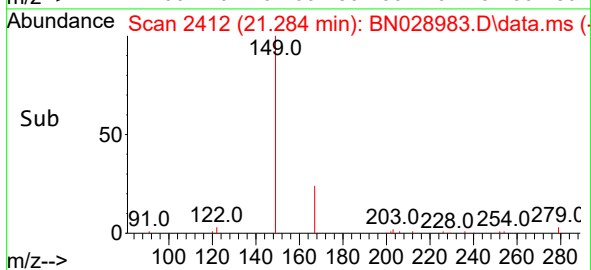
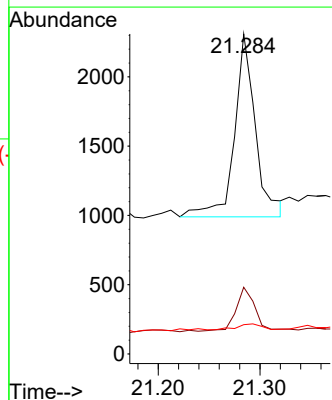
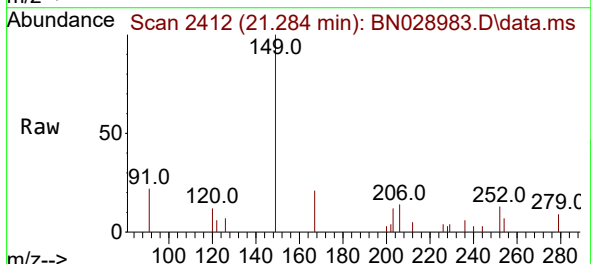


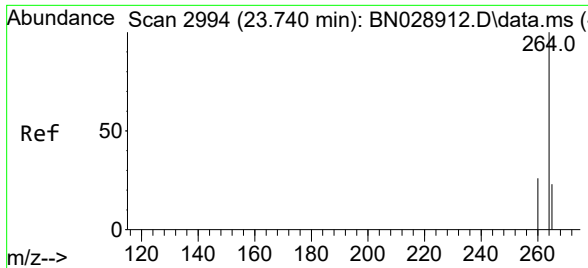
Tgt Ion:244 Resp: 8336  
Ion Ratio Lower Upper  
244 100  
212 10.4 11.5 17.3#  
122 14.0 13.2 19.8



#34  
Bis(2-ethylhexyl)phthalate  
Concen: Below Cal  
RT: 21.284 min Scan# 2412  
Delta R.T. -0.018 min  
Lab File: BN028983.D  
Acq: 02 Dec 2023 14:01

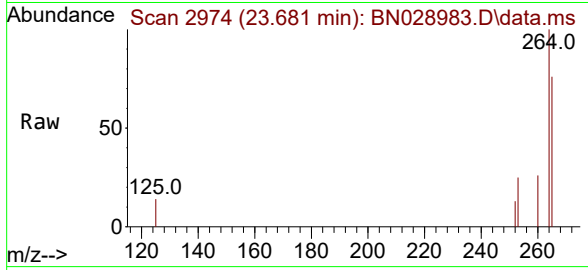
Tgt Ion:149 Resp: 1892  
Ion Ratio Lower Upper  
149 100  
167 23.7 14.9 22.3#  
279 4.1 6.3 9.5#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.681 min Scan# 2994  
 Delta R.T. -0.027 min  
 Lab File: BN028983.D  
 Acq: 02 Dec 2023 14:01

Instrument :  
 BNA\_N  
 ClientSampleId :  
 DUP04-20231112



Tgt Ion:264 Resp: 6981  
 Ion Ratio Lower Upper  
 264 100  
 260 26.3 20.6 30.8  
 265 76.2 464.5 696.7#

