

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110823\  
 Data File : BN028504.D  
 Acq On : 08 Nov 2023 17:56  
 Operator : MA/JU  
 Sample : 05096-03  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FB

Quant Time: Nov 08 23:29:22 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Nov 08 00:27:19 2023  
 Response via : Initial Calibration

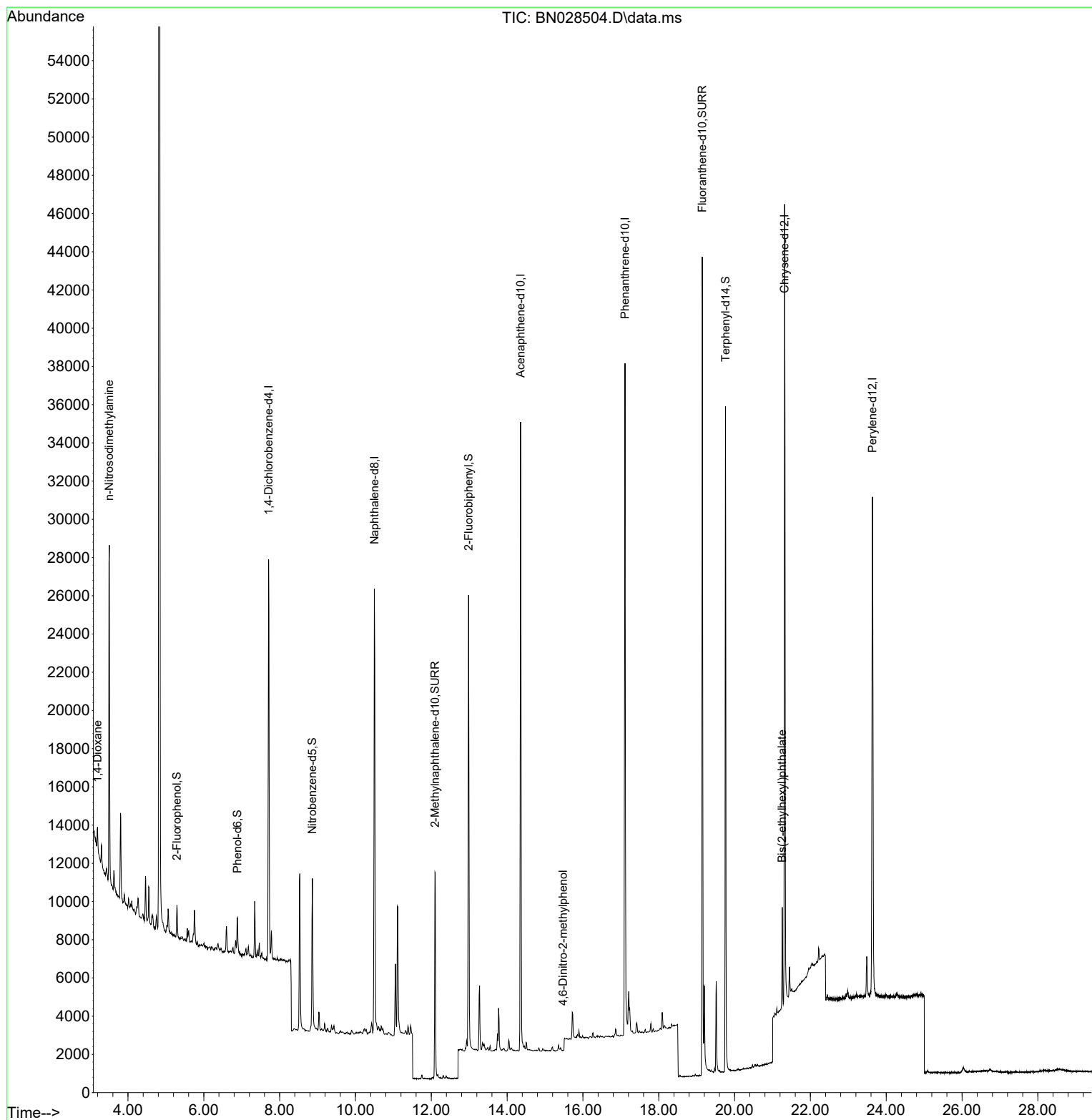
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.710  | 152  | 10439    | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.498 | 136  | 31658    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.353 | 164  | 19507    | 0.400 | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.109 | 188  | 47044    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.320 | 240  | 38294    | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.637 | 264  | 36035    | 0.400 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.290  | 112  | 1231     | 0.039 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.887  | 99   | 2005     | 0.050 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.865  | 82   | 6810     | 0.241 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.098 | 152  | 14861    | 0.271 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.856 | 330  | 130      | 0.012 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.985 | 172  | 20801    | 0.243 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.148 | 212  | 48568    | 0.338 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.761 | 244  | 33673    | 0.331 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.196  | 88   | 617      | 0.049 | ng    | # 7      |
| 3) n-Nitrosodimethylamine     | 3.507  | 42   | 1186     | 0.082 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.476 | 198  | 13       | 0.180 | ng    | # 1      |
| 34) Bis(2-ethylhexyl)phtha... | 21.257 | 149  | 4953     | 0.050 | ng    | 99       |
| -----                         |        |      |          |       |       |          |

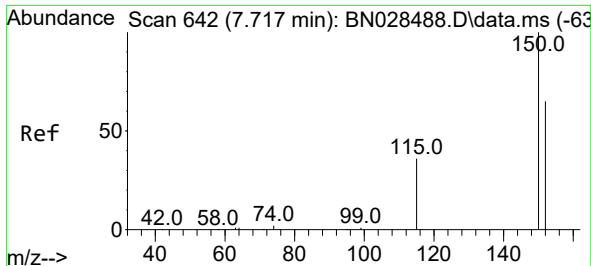
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN110823\  
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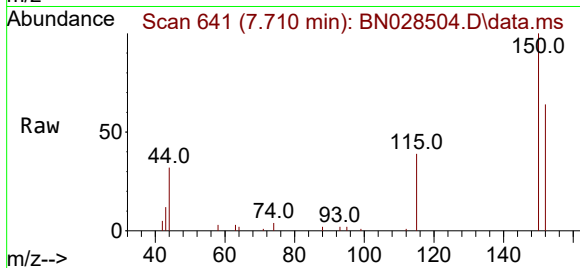
Quant Time: Nov 08 23:29:22 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_N\Methods\8270-SIM-BN110723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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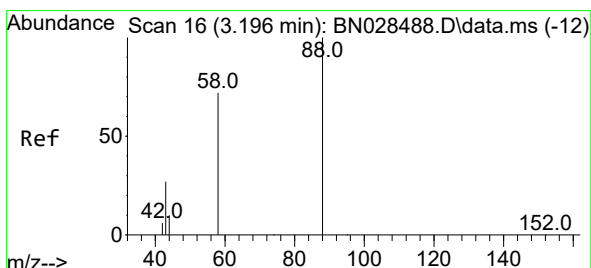
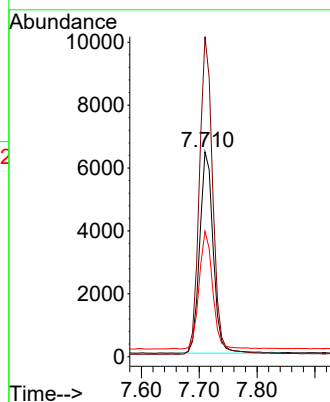
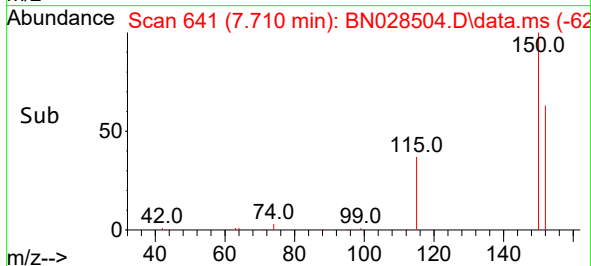


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.710 min Scan# 64  
Delta R.T. -0.007 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Instrument :  
BNA\_N  
ClientSampleId :  
FB

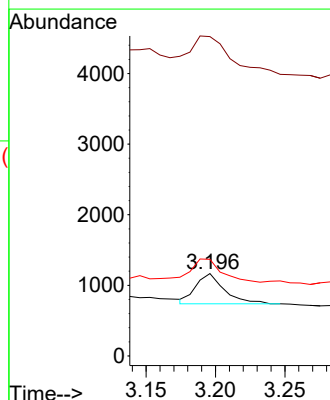
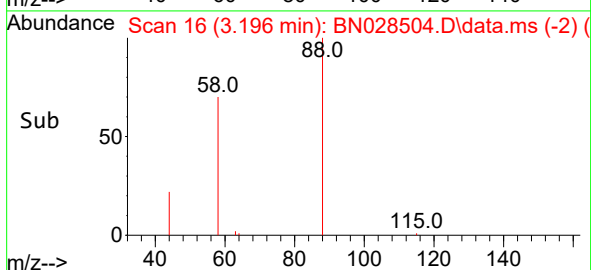
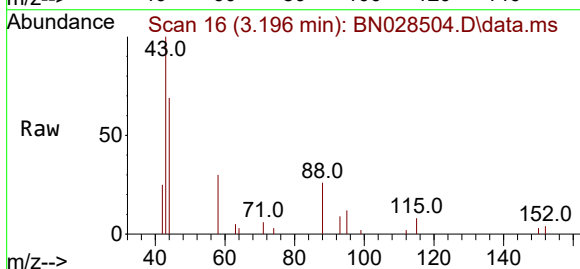


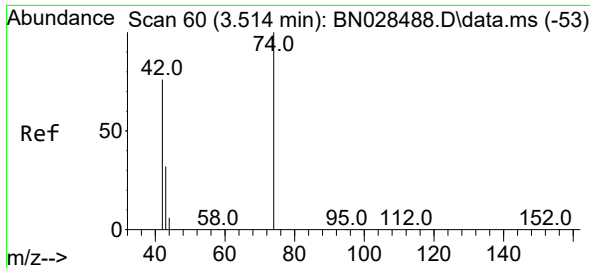
Tgt Ion:152 Resp: 10439  
Ion Ratio Lower Upper  
152 100  
150 156.2 122.5 183.7  
115 61.2 47.5 71.3



#2  
1,4-Dioxane  
Concen: 0.049 ng  
RT: 3.196 min Scan# 16  
Delta R.T. 0.000 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Tgt Ion: 88 Resp: 617  
Ion Ratio Lower Upper  
88 100  
43 188.0 29.0 43.4#  
58 86.7 60.2 90.2

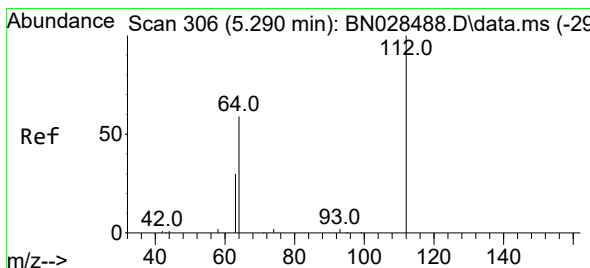
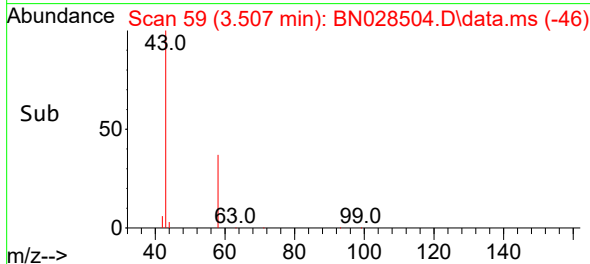
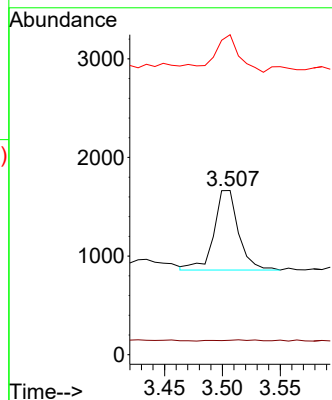
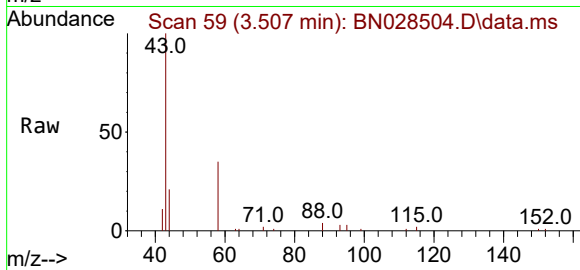




#3  
n-Nitrosodimethylamine  
Concen: 0.082 ng  
RT: 3.507 min Scan# 59  
Delta R.T. -0.007 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

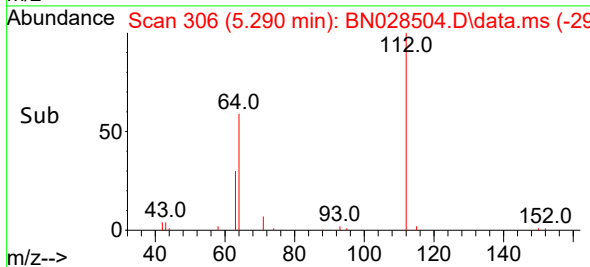
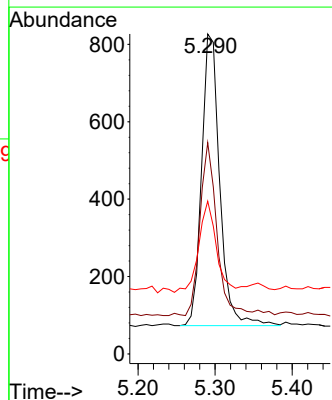
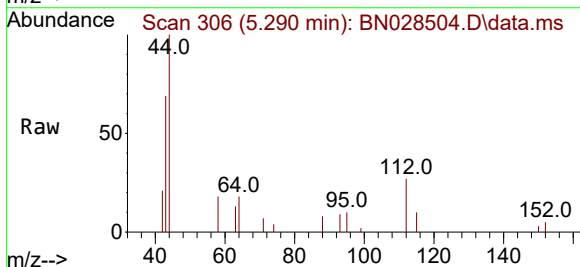
Instrument :  
BNA\_N  
ClientSampleId :  
FB

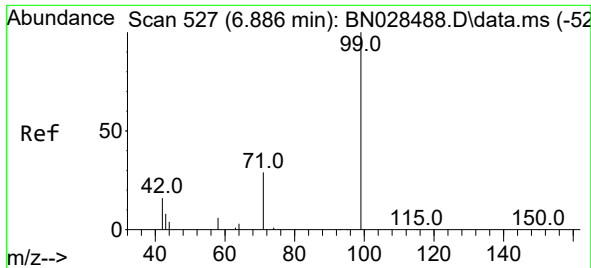
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Ion Ratio Lower Upper  
42 100  
74 2.0 100.8 151.2#  
44 44.9 7.3 10.9#



#4  
2-Fluorophenol  
Concen: 0.039 ng  
RT: 5.290 min Scan# 306  
Delta R.T. 0.000 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Tgt Ion: 112 Resp: 1231  
Ion Ratio Lower Upper  
112 100  
64 55.4 44.6 67.0  
63 30.2 23.3 34.9

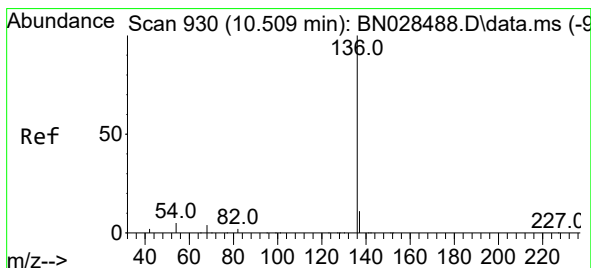
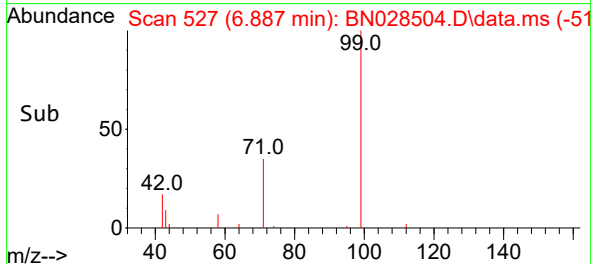
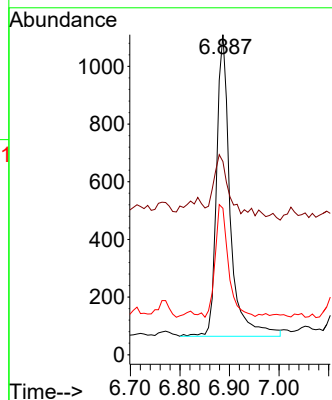
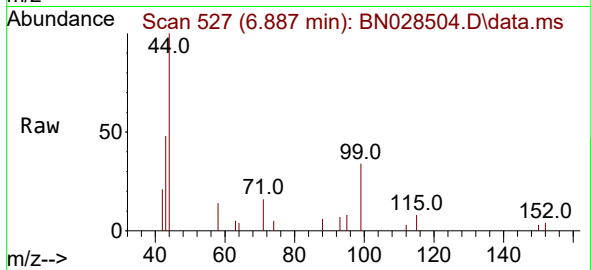




#5  
Phenol-d6  
Concen: 0.050 ng  
RT: 6.887 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

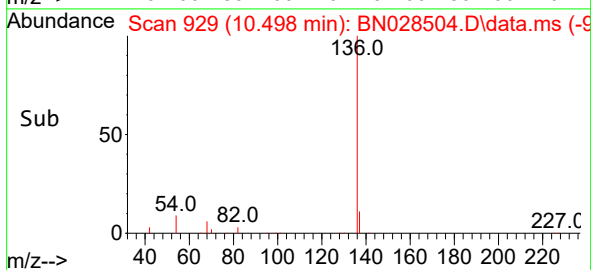
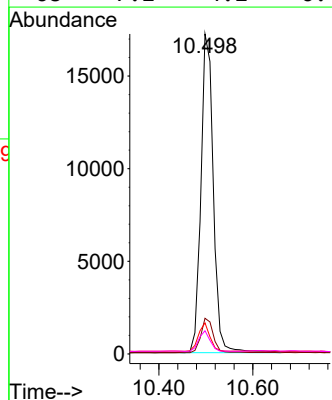
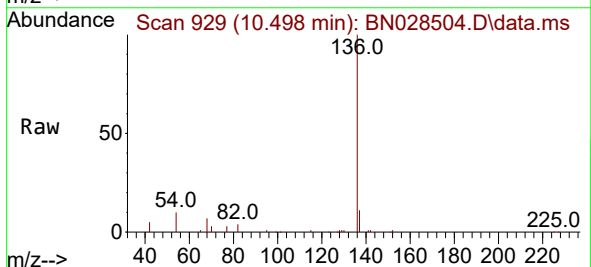
Instrument :  
BNA\_N  
ClientSampleId :  
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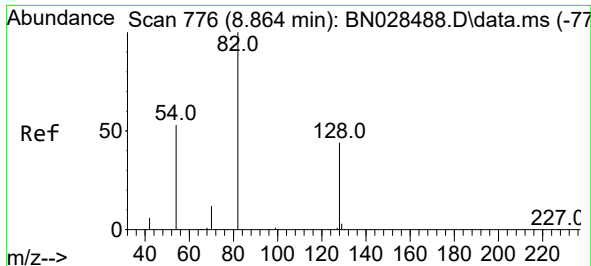
Tgt Ion: 99 Resp: 2005  
Ion Ratio Lower Upper  
99 100  
42 23.4 15.8 23.8  
71 36.1 25.1 37.7



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.498 min Scan# 929  
Delta R.T. -0.011 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Tgt Ion: 136 Resp: 31658  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.0 13.4  
54 9.7 5.1 7.7#  
68 7.2 4.2 6.4#

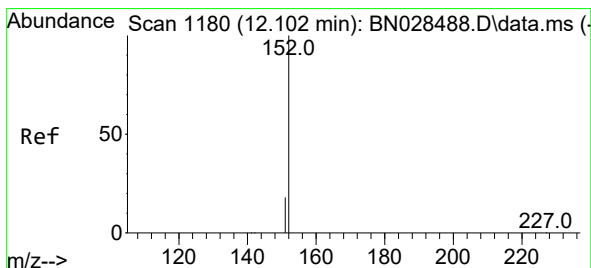
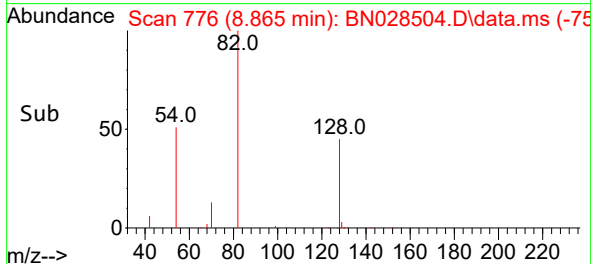
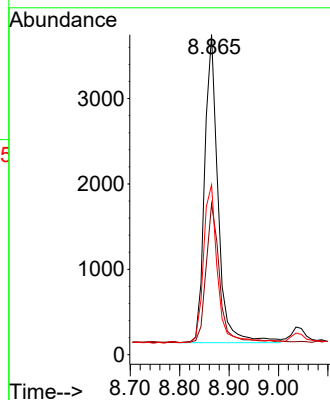
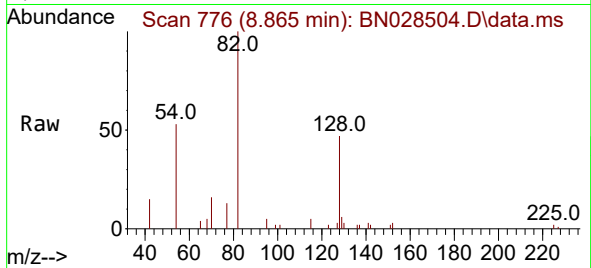




#8  
 Nitrobenzene-d5  
 Concen: 0.241 ng  
 RT: 8.865 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BN028504.D  
 Acq: 08 Nov 2023 17:56

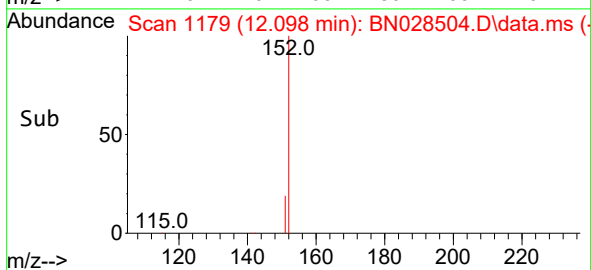
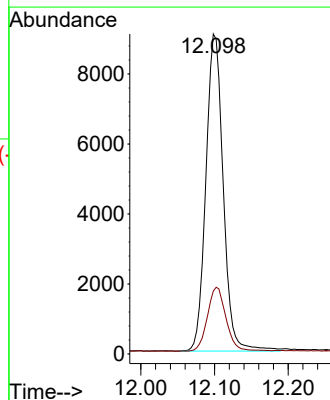
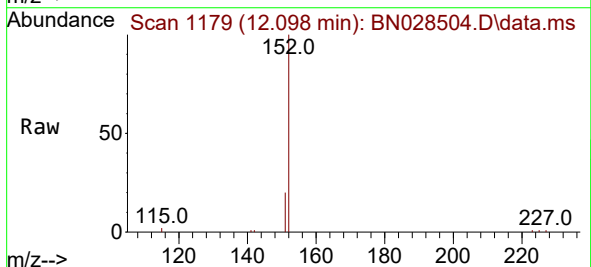
Instrument :  
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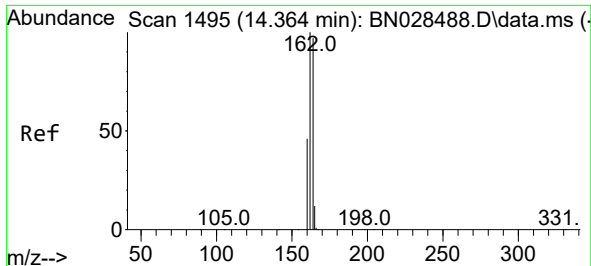
Tgt Ion: 82 Resp: 6810  
 Ion Ratio Lower Upper  
 82 100  
 128 47.1 36.5 54.7  
 54 53.1 43.8 65.8



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.271 ng  
 RT: 12.098 min Scan# 1179  
 Delta R.T. -0.004 min  
 Lab File: BN028504.D  
 Acq: 08 Nov 2023 17:56

Tgt Ion: 152 Resp: 14861  
 Ion Ratio Lower Upper  
 152 100  
 151 21.6 16.1 24.1

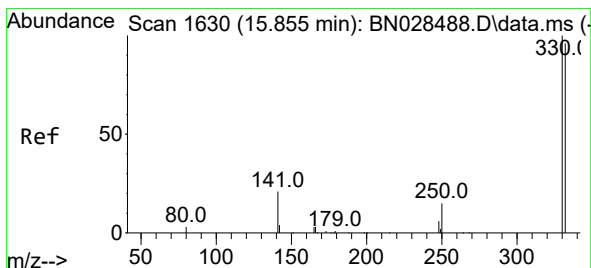
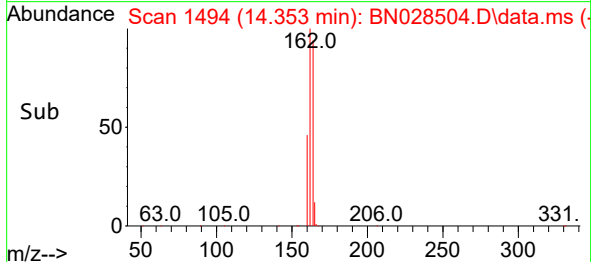
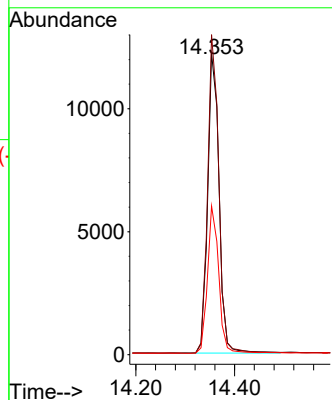
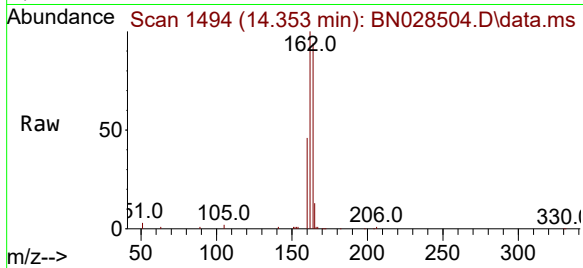




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.353 min Scan# 1494  
Delta R.T. -0.011 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

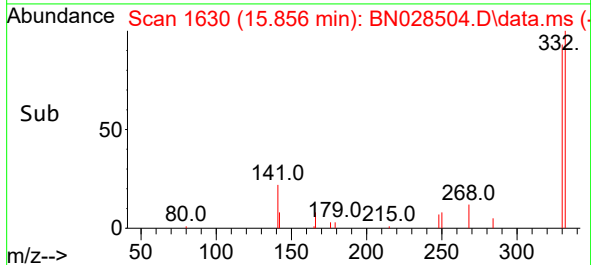
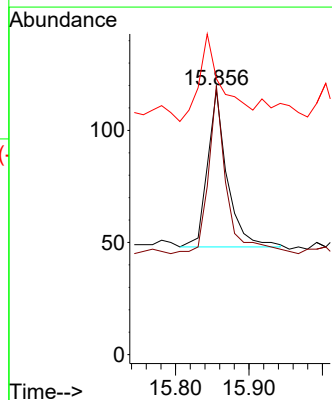
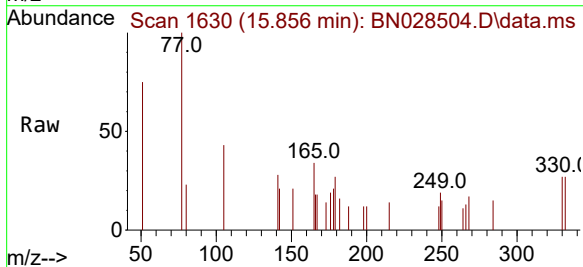
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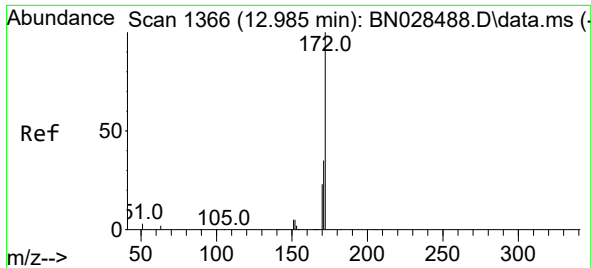
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Ion Ratio Lower Upper  
164 100  
162 106.2 82.5 123.7  
160 49.3 38.1 57.1



#14  
2,4,6-Tribromophenol  
Concen: 0.012 ng  
RT: 15.856 min Scan# 1630  
Delta R.T. 0.000 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Tgt Ion:330 Resp: 130  
Ion Ratio Lower Upper  
330 100  
332 97.7 77.0 115.4  
141 65.4 32.6 49.0#

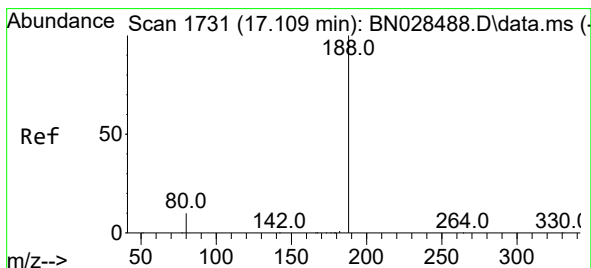
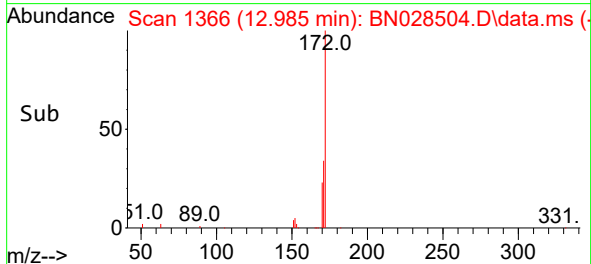
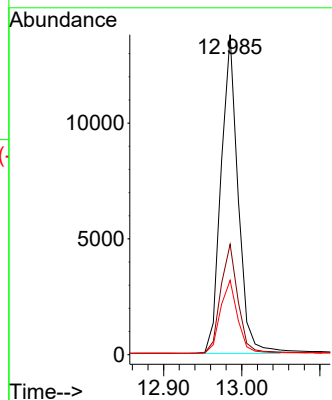
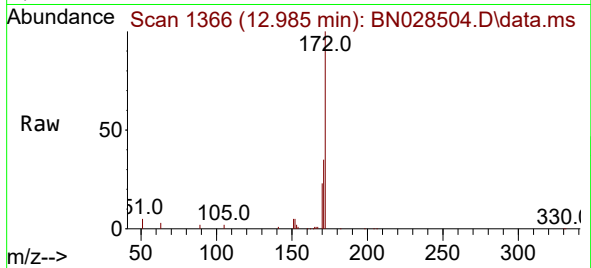




#15  
2-Fluorobiphenyl  
Concen: 0.243 ng  
RT: 12.985 min Scan# 1366  
Delta R.T. 0.000 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

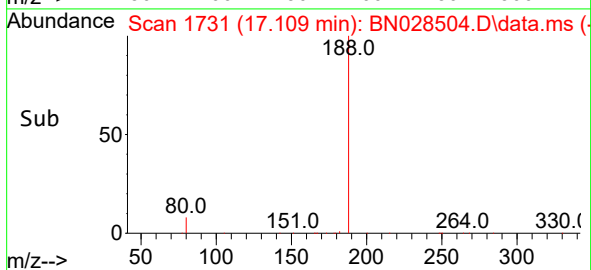
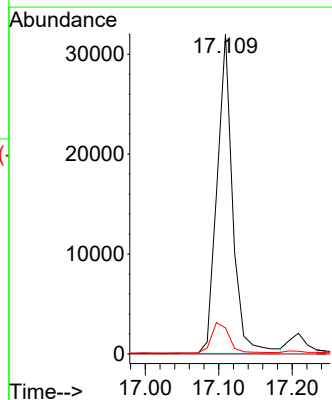
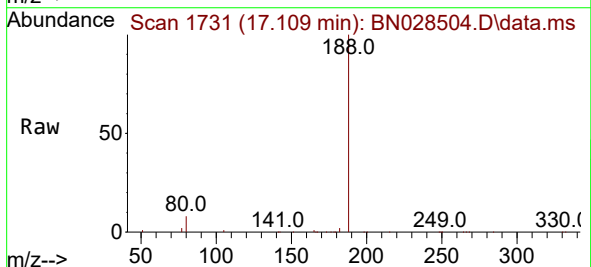
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Tgt Ion:172 Resp: 20801  
Ion Ratio Lower Upper  
172 100  
171 34.5 27.9 41.9  
170 23.3 18.9 28.3

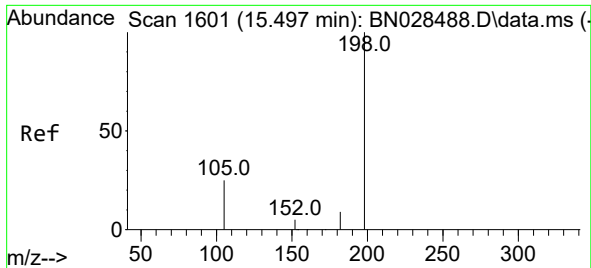


#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.109 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Tgt Ion:188 Resp: 47044  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 8.2 8.3 12.5



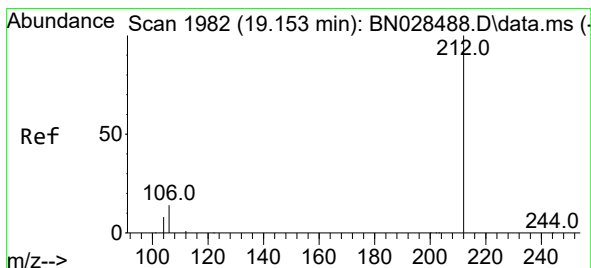
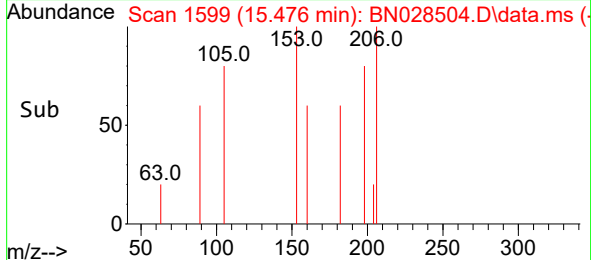
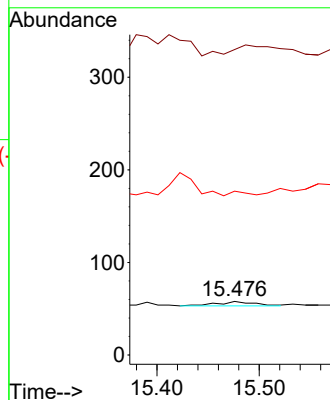
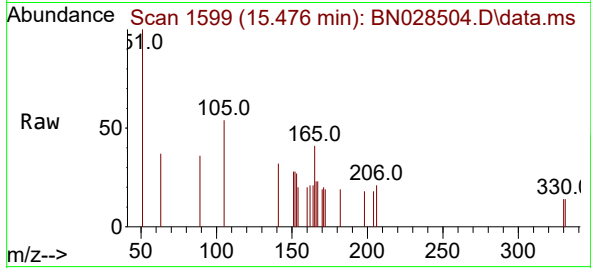




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.180 ng  
RT: 15.476 min Scan# 1599  
Delta R.T. -0.021 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

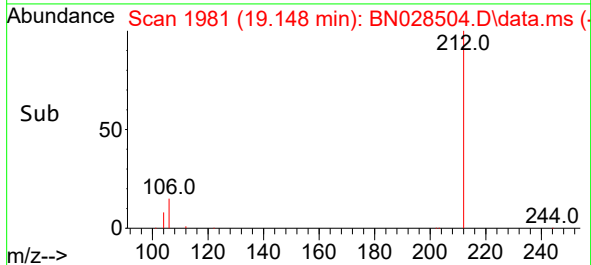
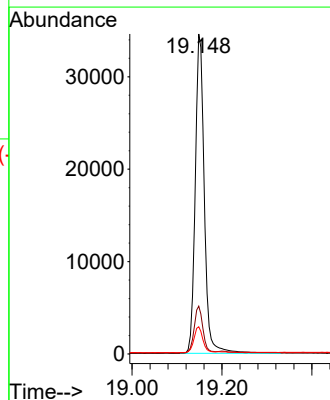
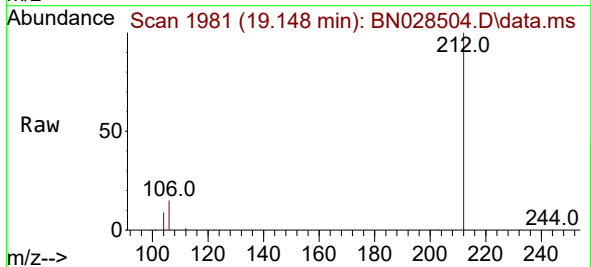
Instrument :  
BNA\_N  
ClientSampleId :  
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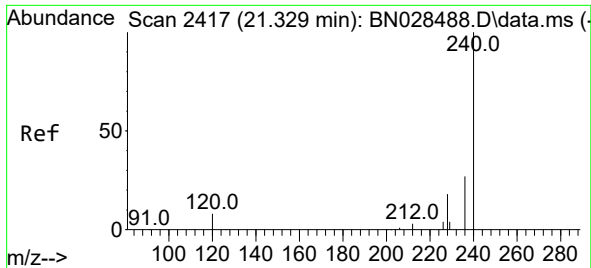
Tgt Ion:198 Resp: 13  
Ion Ratio Lower Upper  
198 100  
51 569.0 42.1 63.1#  
105 305.2 32.6 48.8#



#27  
Fluoranthene-d10  
Concen: 0.338 ng  
RT: 19.148 min Scan# 1981  
Delta R.T. -0.005 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Tgt Ion:212 Resp: 48568  
Ion Ratio Lower Upper  
212 100  
106 14.1 11.5 17.3  
104 7.9 6.4 9.6

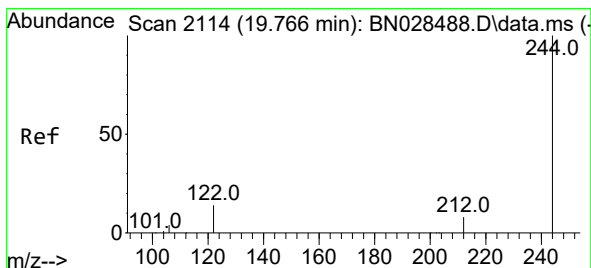
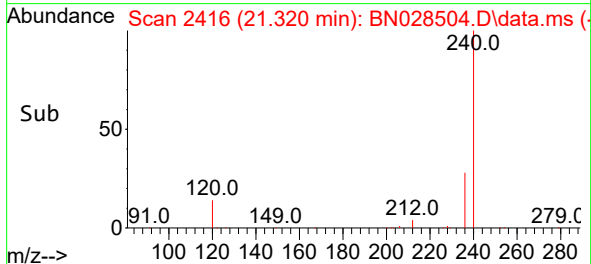
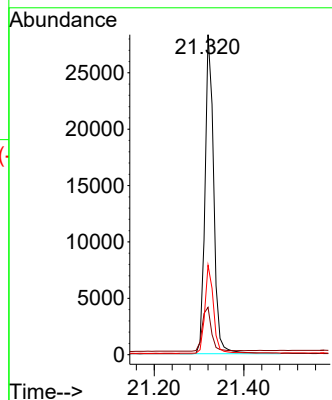
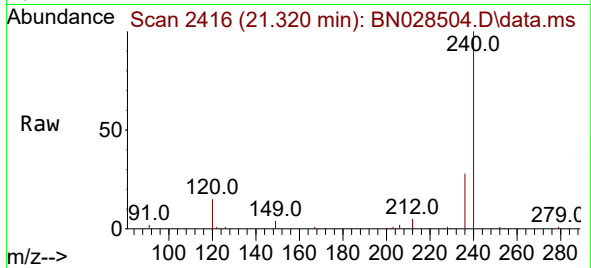




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.320 min Scan# 2417  
Delta R.T. -0.009 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

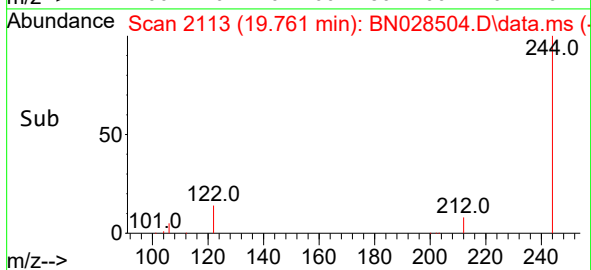
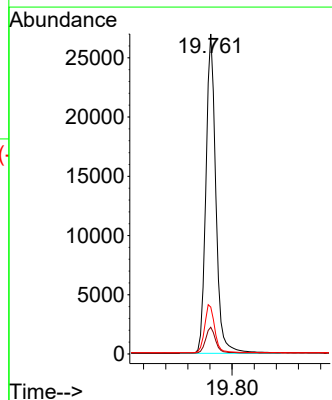
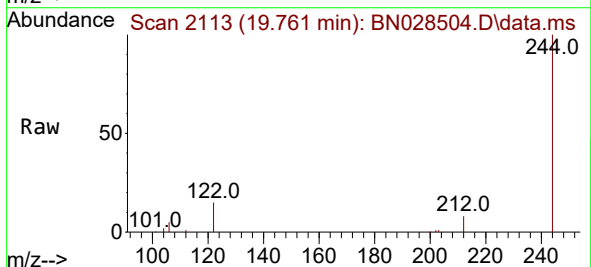
Instrument :  
BNA\_N  
ClientSampleId :  
FB

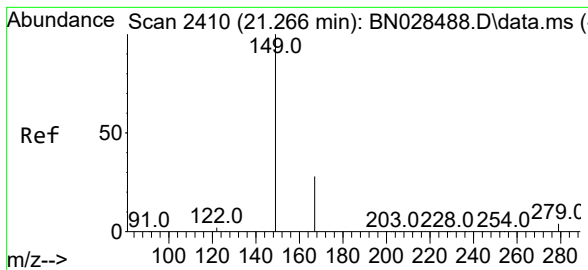
Tgt Ion:240 Resp: 38294  
Ion Ratio Lower Upper  
240 100  
120 14.8 7.6 11.4#  
236 28.0 21.9 32.9



#31  
Terphenyl-d14  
Concen: 0.331 ng  
RT: 19.761 min Scan# 2113  
Delta R.T. -0.005 min  
Lab File: BN028504.D  
Acq: 08 Nov 2023 17:56

Tgt Ion:244 Resp: 33673  
Ion Ratio Lower Upper  
244 100  
212 8.3 6.6 9.8  
122 14.7 11.4 17.2

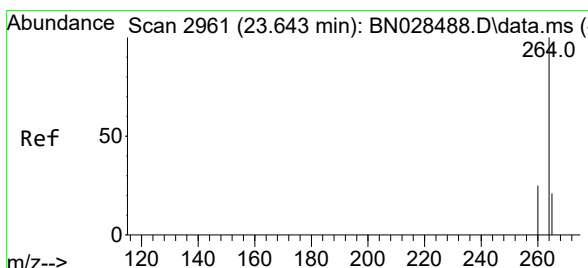
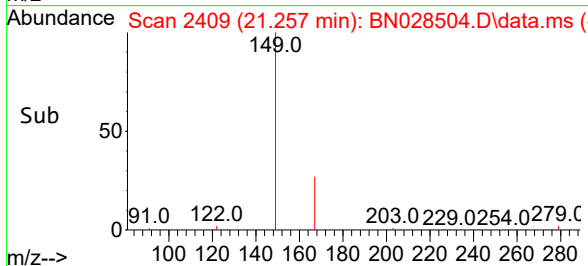
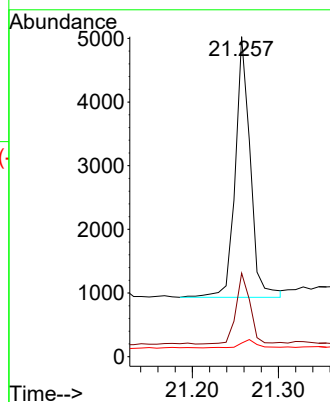
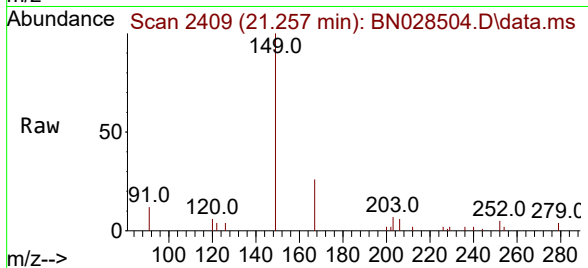




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.050 ng  
 RT: 21.257 min Scan# 2410  
 Delta R.T. -0.009 min  
 Lab File: BN028504.D  
 Acq: 08 Nov 2023 17:56

Instrument :  
 BNA\_N  
 ClientSampleId :  
 FB

Tgt Ion:149 Resp: 4953  
 Ion Ratio Lower Upper  
 149 100  
 167 25.4 21.0 31.4  
 279 3.6 2.6 3.8



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.637 min Scan# 2959  
 Delta R.T. -0.006 min  
 Lab File: BN028504.D  
 Acq: 08 Nov 2023 17:56

Tgt Ion:264 Resp: 36035  
 Ion Ratio Lower Upper  
 264 100  
 260 26.1 20.7 31.1  
 265 36.7 31.6 47.4

