

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN120323\  
 Data File : BN029029.D  
 Acq On : 03 Dec 2023 21:05  
 Operator : MA/JU  
 Sample : 05404-31  
 Misc :  
 ALS Vial : 84 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D2-20231110

Quant Time: Dec 04 02:22:45 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

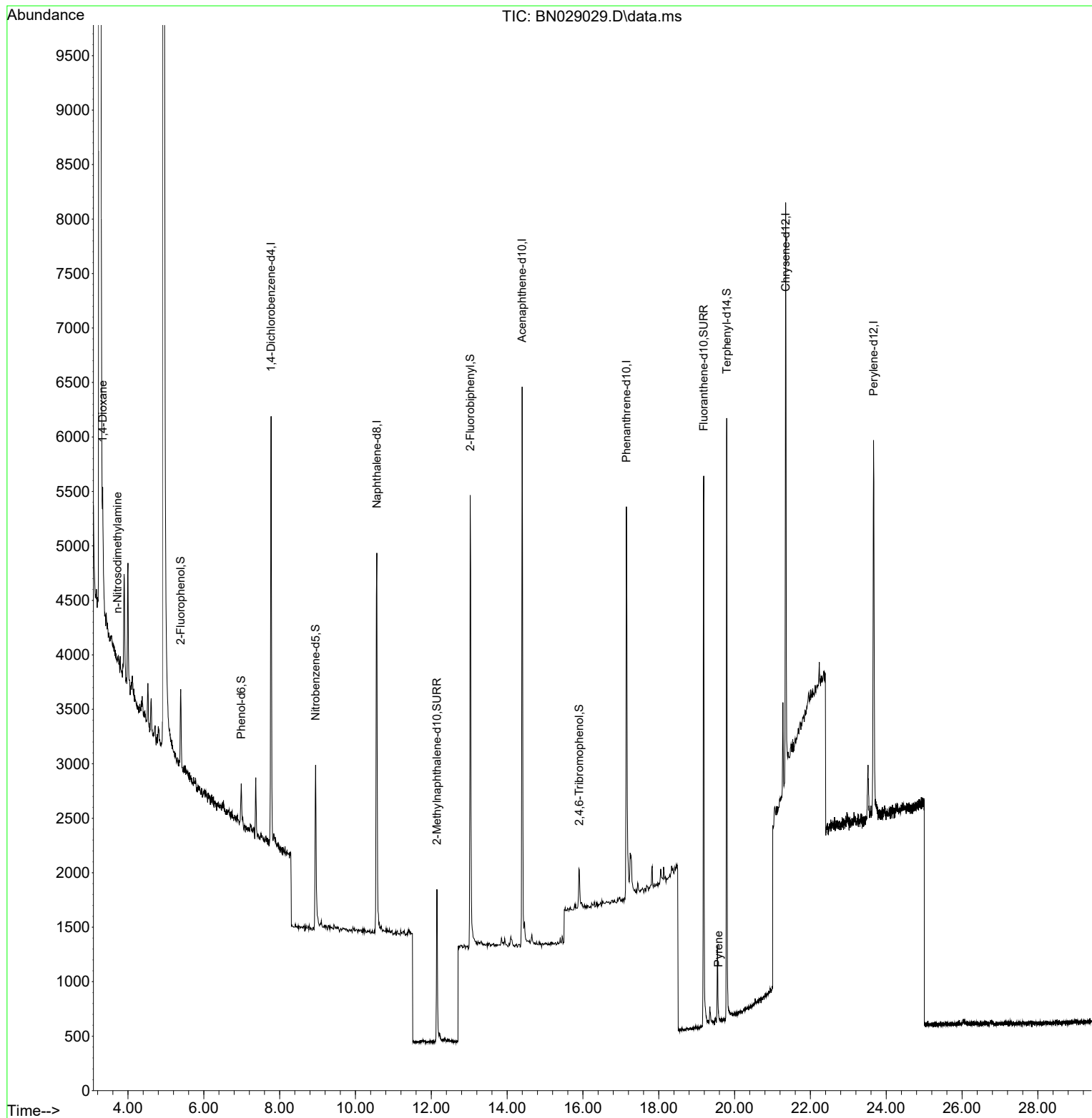
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.775  | 152  | 1852     | 0.400     | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.562 | 136  | 5076     | 0.400     | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.396 | 164  | 3151     | 0.400     | ng    | -0.01    |
| 19) Phenanthrene-d10          | 17.146 | 188  | 6158     | 0.400     | ng    | -0.01    |
| 29) Chrysene-d12              | 21.347 | 240  | 5241     | 0.400     | ng    | # 0.00   |
| 35) Perylene-d12              | 23.667 | 264  | 5048     | 0.400     | ng    | # 0.00   |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 4) 2-Fluorophenol             | 5.392  | 112  | 535      | 0.095     | ng    | 0.00     |
| 5) Phenol-d6                  | 6.988  | 99   | 326      | 0.052     | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.950  | 82   | 1470     | 0.291     | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.147 | 152  | 2118     | 0.260     | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.905 | 330  | 315      | 0.148     | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 13.028 | 172  | 3935     | 0.289     | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.185 | 212  | 6187     | 0.382     | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.794 | 244  | 5802     | 0.393     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.333  | 88   | 564      | 0.311     | ng    | # 64     |
| 3) n-Nitrosodimethylamine     | 3.723  | 42   | 44       | 0.107     | ng    | # 55     |
| 30) Pyrene                    | 19.576 | 202  | 60       | 0.096     | ng    | 99       |
| 34) Bis(2-ethylhexyl)phtha... | 21.275 | 149  | 820      | Below Cal |       | # 82     |
| -----                         |        |      |          |           |       |          |

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

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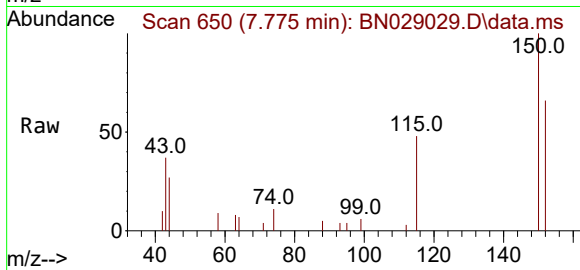
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Dec 04 00:28:48 2023  
Response via : Initial Calibration



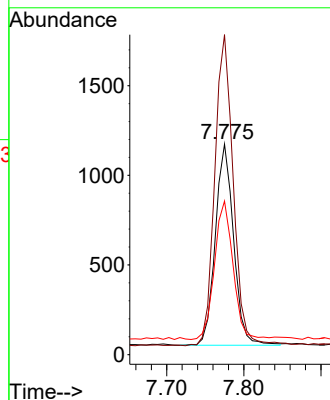
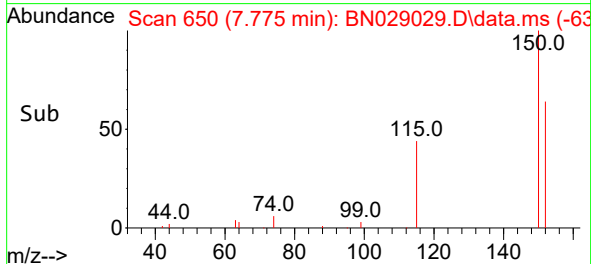


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.775 min Scan# 61  
 Delta R.T. -0.007 min  
 Lab File: BN029029.D  
 Acq: 03 Dec 2023 21:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D2-20231110

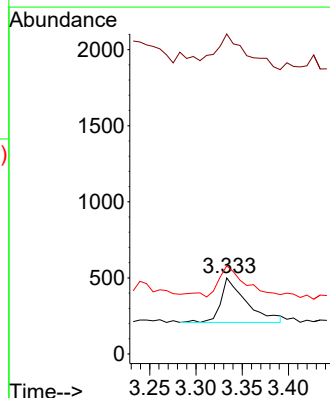
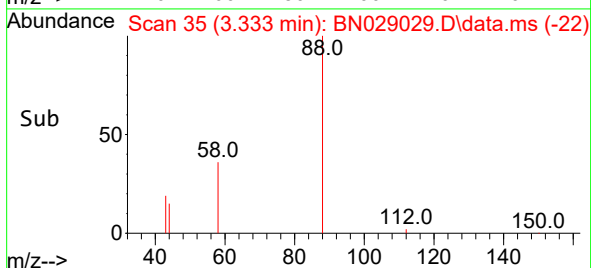
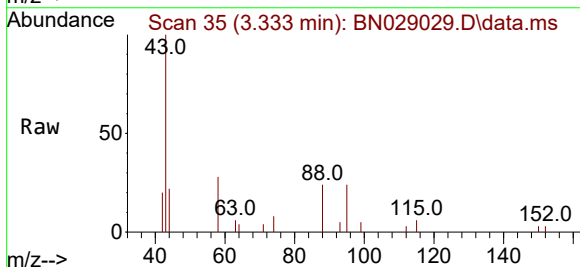


Tgt Ion:152 Resp: 1852  
 Ion Ratio Lower Upper  
 152 100  
 150 152.0 123.4 185.2  
 115 73.0 59.1 88.7



#2  
 1,4-Dioxane  
 Concen: 0.311 ng  
 RT: 3.333 min Scan# 35  
 Delta R.T. -0.007 min  
 Lab File: BN029029.D  
 Acq: 03 Dec 2023 21:05

Tgt Ion: 88 Resp: 564  
 Ion Ratio Lower Upper  
 88 100  
 43 95.2 29.9 44.9#  
 58 70.9 55.0 82.4

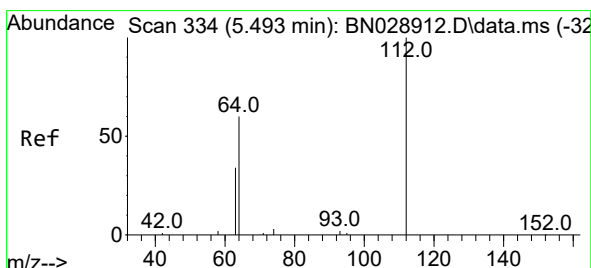
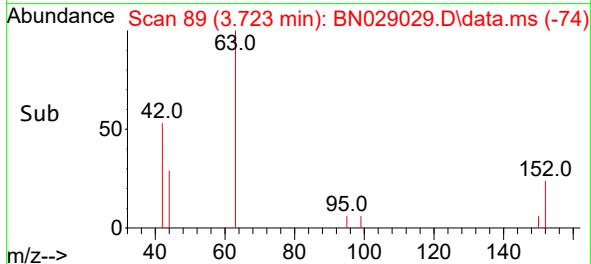
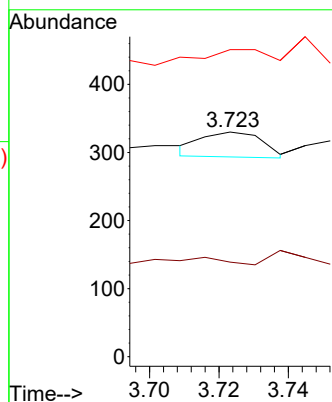
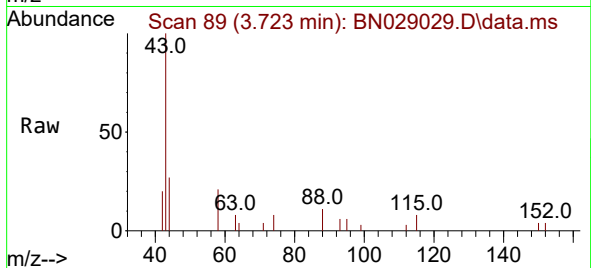




#3  
n-Nitrosodimethylamine  
Concen: 0.107 ng  
RT: 3.723 min Scan# 89  
Delta R.T. 0.007 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

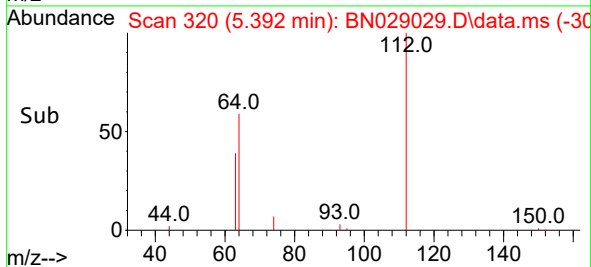
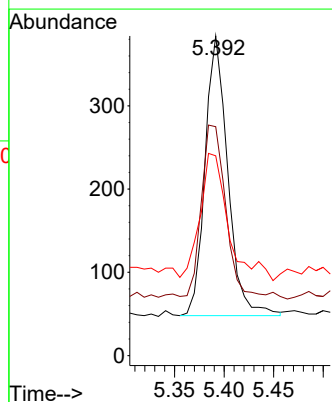
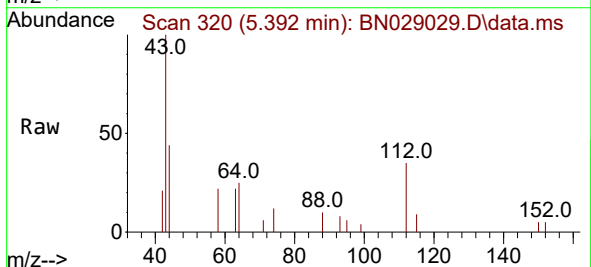
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion: 42 Resp: 44  
Ion Ratio Lower Upper  
42 100  
74 34.1 57.0 85.6#  
44 184.1 0.0 0.0#



#4  
2-Fluorophenol  
Concen: 0.095 ng  
RT: 5.392 min Scan# 320  
Delta R.T. -0.007 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

Tgt Ion: 112 Resp: 535  
Ion Ratio Lower Upper  
112 100  
64 69.2 51.5 77.3  
63 56.3 30.4 45.6#

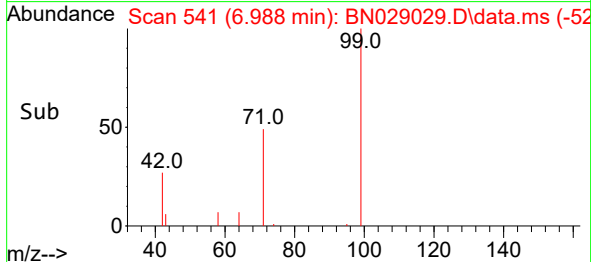
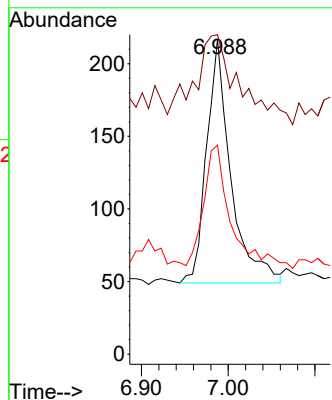
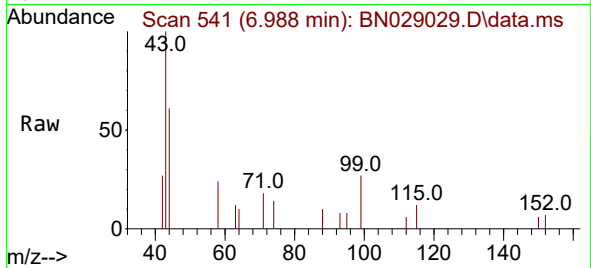




#5  
Phenol-d6  
Concen: 0.052 ng  
RT: 6.988 min Scan# 541  
Delta R.T. -0.000 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

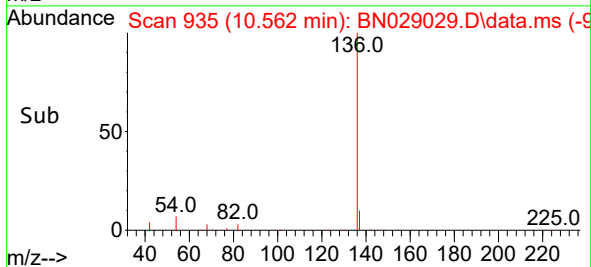
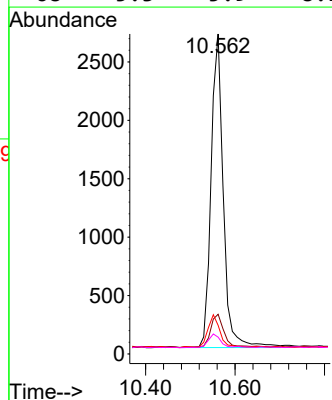
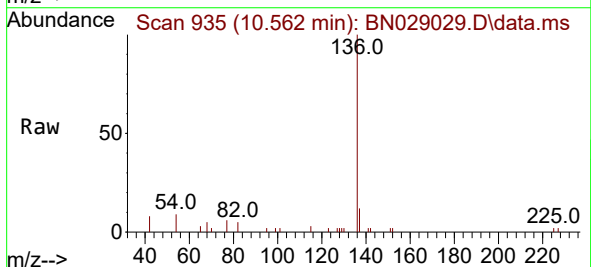
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20231110

Tgt Ion: 99 Resp: 326  
Ion Ratio Lower Upper  
99 100  
42 60.7 21.2 31.8#  
71 57.1 35.4 53.0#



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.562 min Scan# 935  
Delta R.T. -0.000 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

Tgt Ion: 136 Resp: 5076  
Ion Ratio Lower Upper  
136 100  
137 12.4 10.6 16.0  
54 8.9 7.5 11.3  
68 5.3 5.9 8.9#

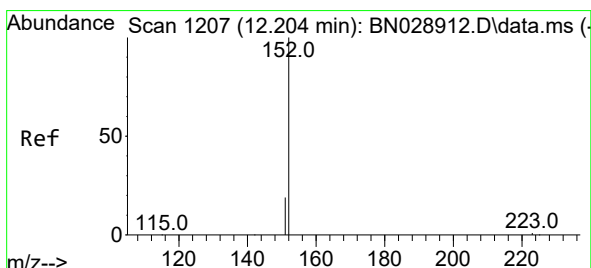
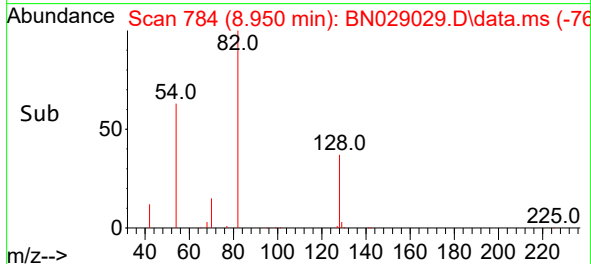
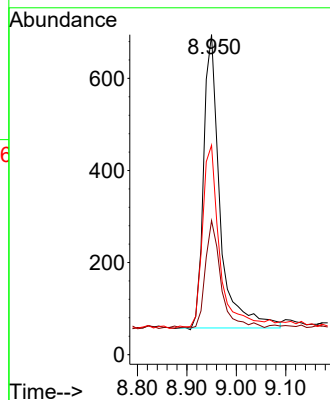
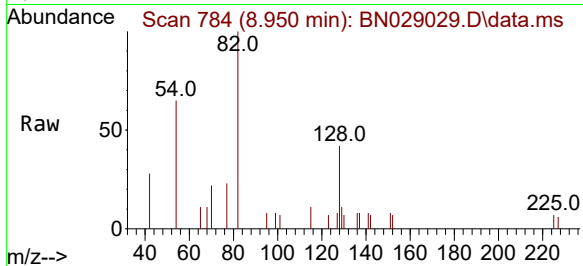




#8  
Nitrobenzene-d5  
Concen: 0.291 ng  
RT: 8.950 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

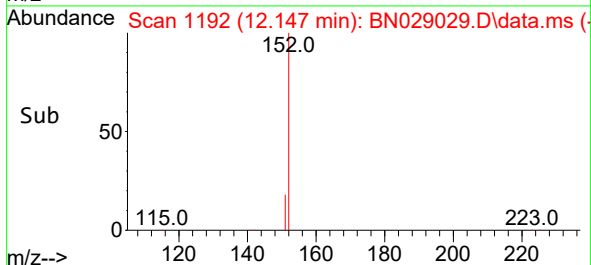
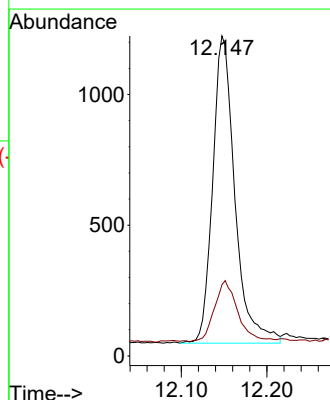
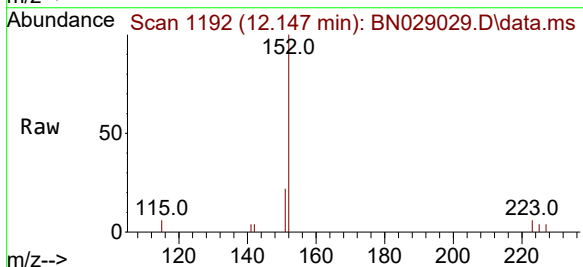
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ClientSampleId :  
RE103D2-20231110

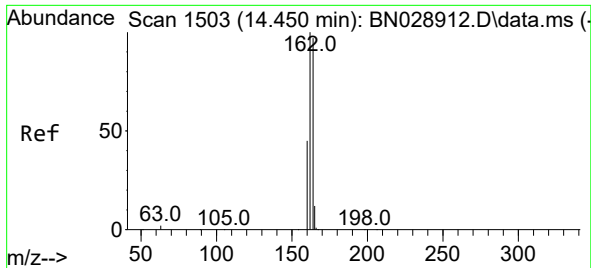
Tgt Ion: 82 Resp: 1470  
Ion Ratio Lower Upper  
82 100  
128 41.9 29.2 43.8  
54 65.5 47.0 70.6



#11  
2-Methylnaphthalene-d10  
Concen: 0.260 ng  
RT: 12.147 min Scan# 1192  
Delta R.T. -0.004 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

Tgt Ion: 152 Resp: 2118  
Ion Ratio Lower Upper  
152 100  
151 21.4 16.7 25.1

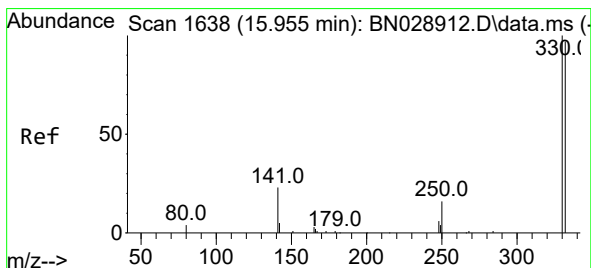
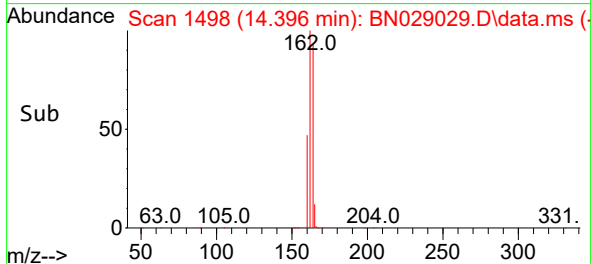
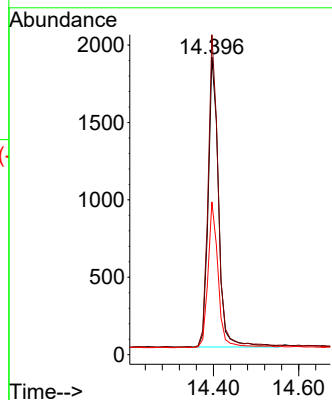
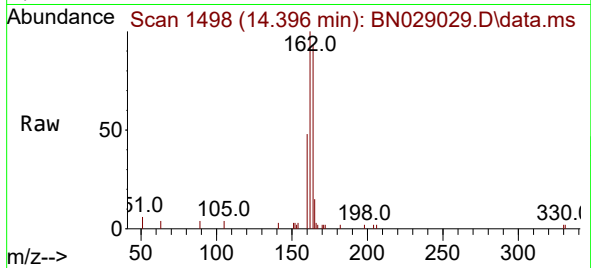




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.396 min Scan# 14  
Delta R.T. -0.011 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

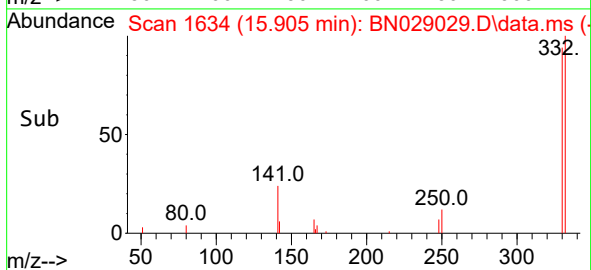
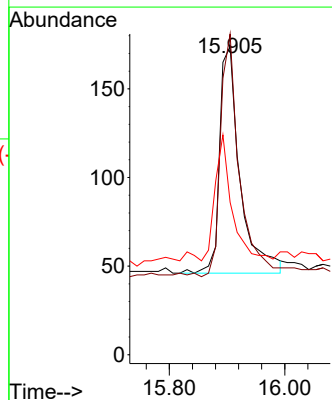
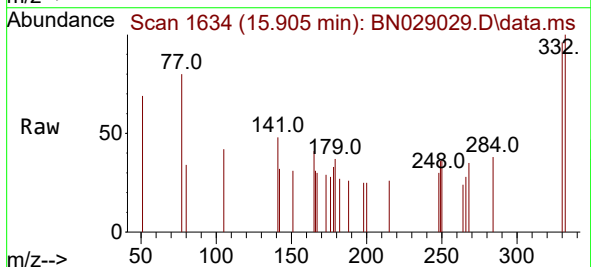
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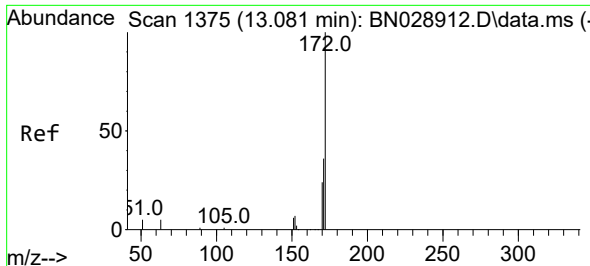
Tgt Ion:164 Resp: 3151  
Ion Ratio Lower Upper  
164 100  
162 107.5 81.7 122.5  
160 51.4 37.0 55.6



#14  
2,4,6-Tribromophenol  
Concen: 0.148 ng  
RT: 15.905 min Scan# 1634  
Delta R.T. -0.000 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

Tgt Ion:330 Resp: 315  
Ion Ratio Lower Upper  
330 100  
332 98.4 75.4 113.2  
141 45.4 35.7 53.5

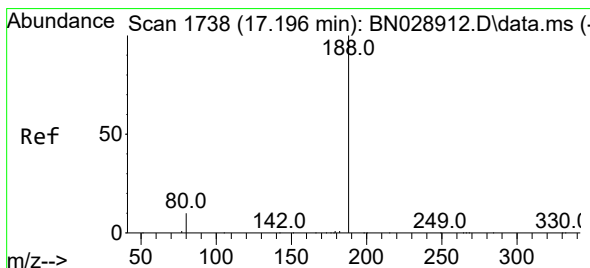
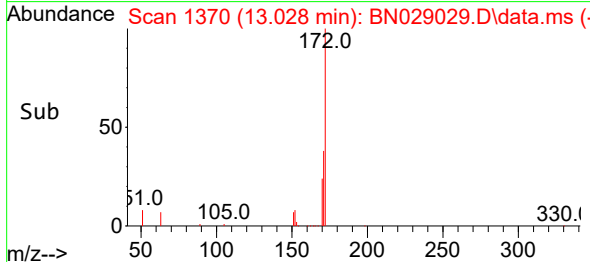
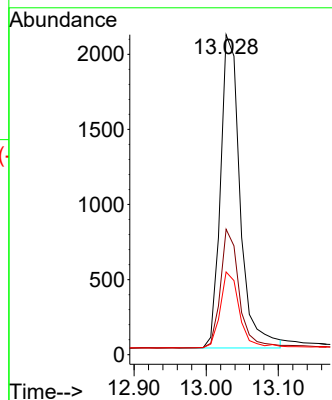
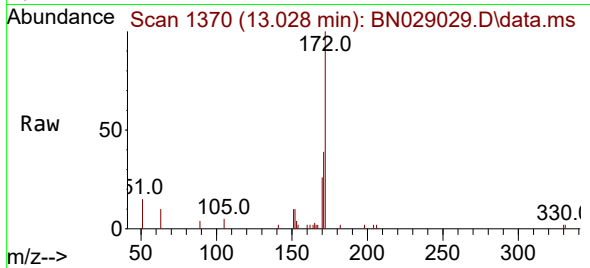




#15  
2-Fluorobiphenyl  
Concen: 0.289 ng  
RT: 13.028 min Scan# 11  
Delta R.T. -0.011 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

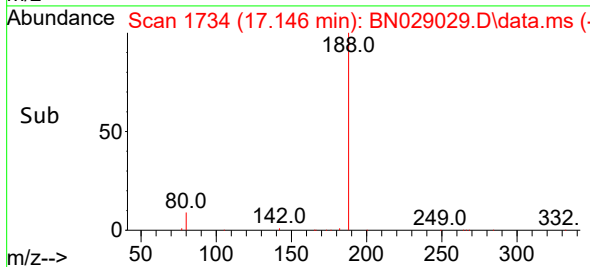
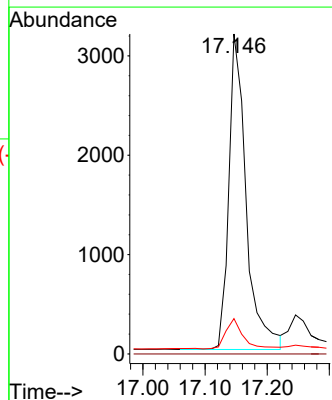
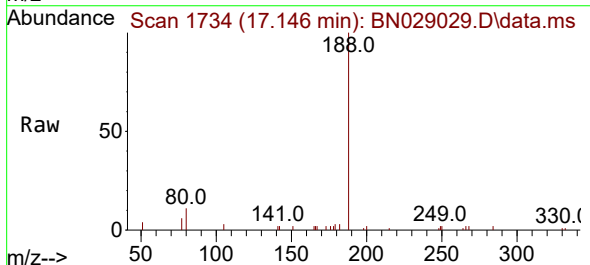
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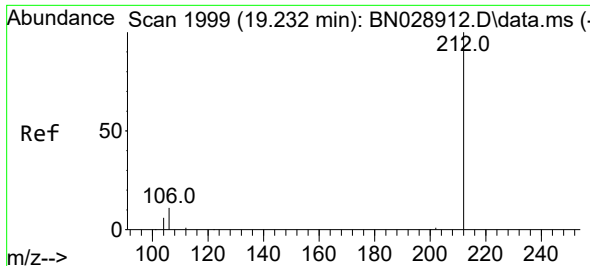
Tgt Ion:172 Resp: 3935  
Ion Ratio Lower Upper  
172 100  
171 39.2 29.0 43.4  
170 25.9 19.7 29.5



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.146 min Scan# 1734  
Delta R.T. -0.013 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

Tgt Ion:188 Resp: 6158  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.1 9.0 13.6

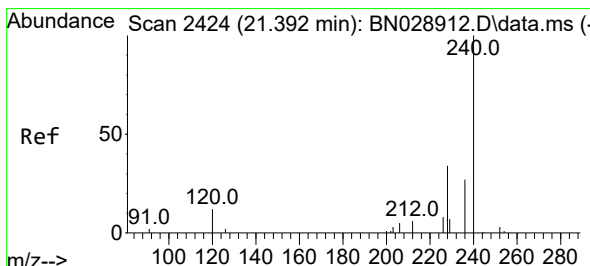
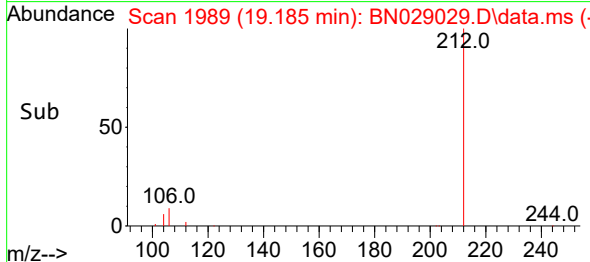
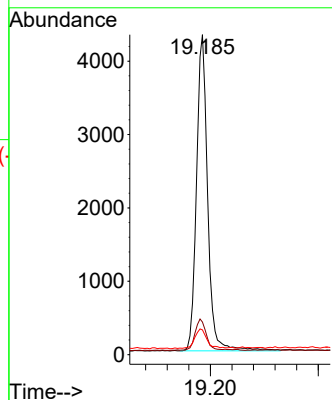
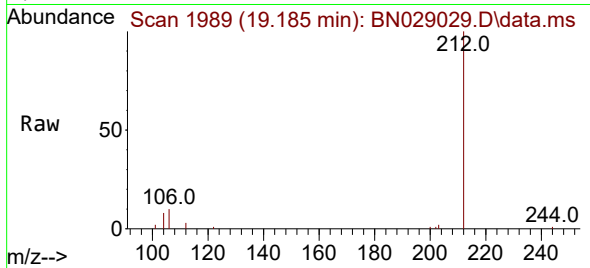




#27  
Fluoranthene-d10  
Concen: 0.382 ng  
RT: 19.185 min Scan# 1919  
Delta R.T. -0.005 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

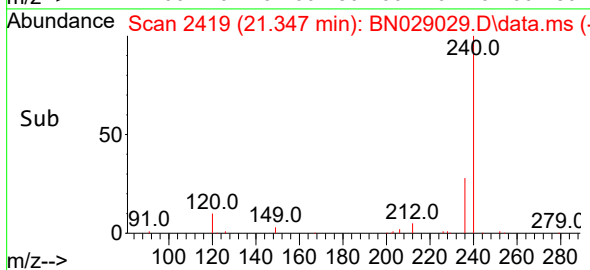
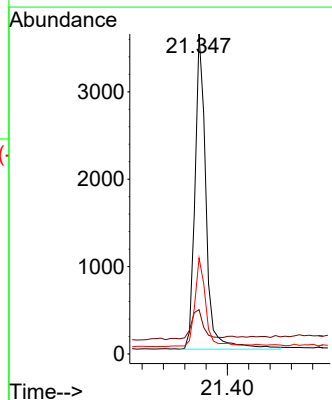
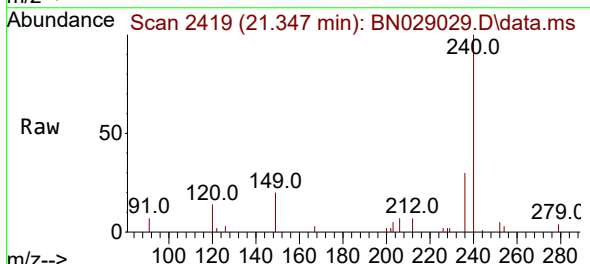
Instrument :  
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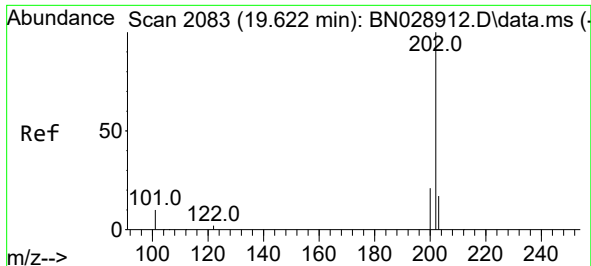
Tgt Ion:212 Resp: 6187  
Ion Ratio Lower Upper  
212 100  
106 9.7 9.4 14.2  
104 7.1 6.2 9.2



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.347 min Scan# 2419  
Delta R.T. -0.000 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

Tgt Ion:240 Resp: 5241  
Ion Ratio Lower Upper  
240 100  
120 13.9 37.1 55.7#  
236 30.0 32.4 48.6#

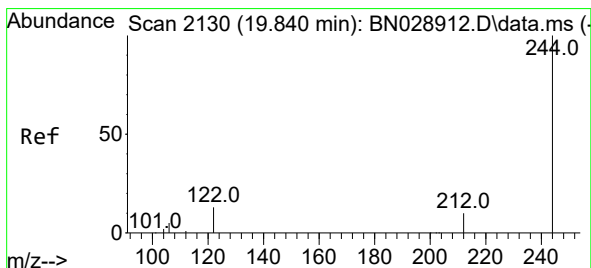
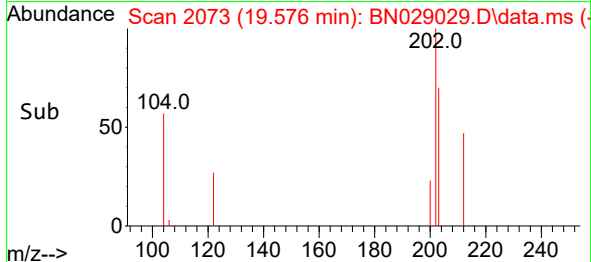
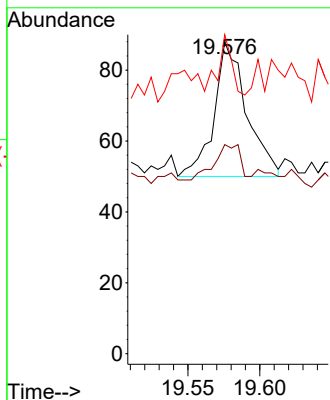
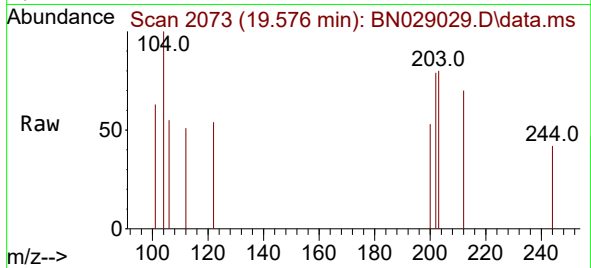




#30  
Pyrene  
Concen: 0.096 ng  
RT: 19.576 min Scan# 2083  
Delta R.T. -0.005 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

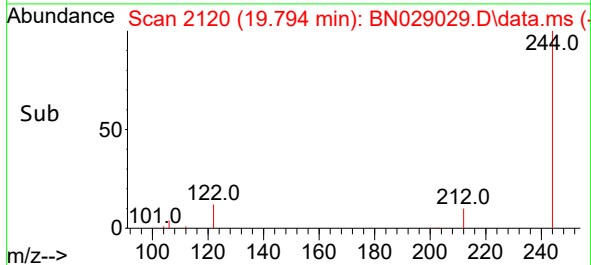
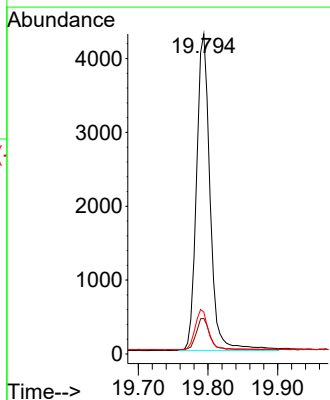
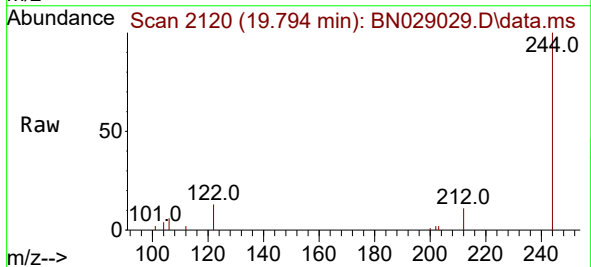
Instrument :  
BNA\_N  
ClientSampleId :  
RE103D2-20231110

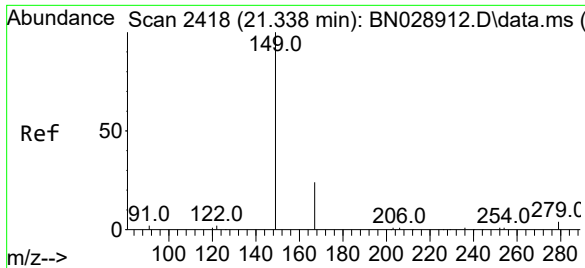
Tgt Ion:202 Resp: 60  
Ion Ratio Lower Upper  
202 100  
200 21.7 16.9 25.3  
203 18.3 14.8 22.2



#31  
Terphenyl-d14  
Concen: 0.393 ng  
RT: 19.794 min Scan# 2120  
Delta R.T. -0.000 min  
Lab File: BN029029.D  
Acq: 03 Dec 2023 21:05

Tgt Ion:244 Resp: 5802  
Ion Ratio Lower Upper  
244 100  
212 11.1 11.5 17.3#  
122 13.1 13.2 19.8#

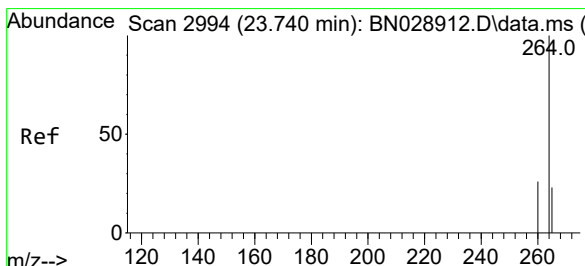
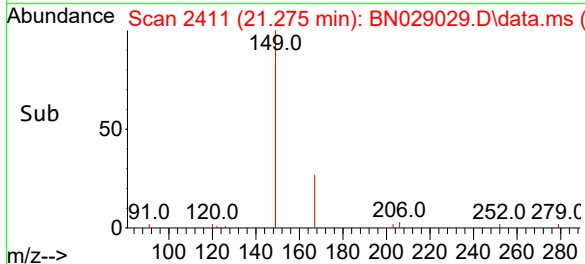
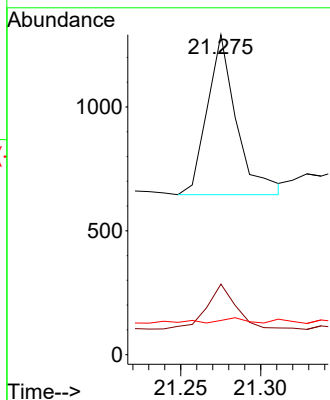
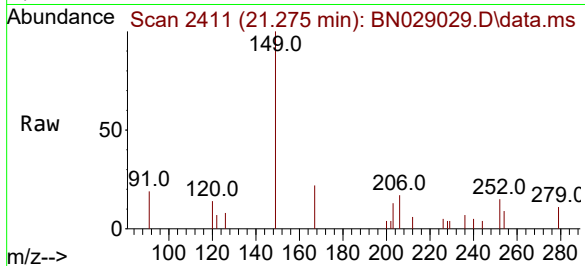




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: Below Cal  
 RT: 21.275 min Scan# 2411  
 Delta R.T. -0.000 min  
 Lab File: BN029029.D  
 Acq: 03 Dec 2023 21:05

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE103D2-20231110

Tgt Ion:149 Resp: 820  
 Ion Ratio Lower Upper  
 149 100  
 167 29.3 14.9 22.3#  
 279 5.9 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: BN029029.D  
 Acq: 03 Dec 2023 21:05

Tgt Ion:264 Resp: 5048  
 Ion Ratio Lower Upper  
 264 100  
 260 27.7 20.6 30.8  
 265 77.0 464.5 696.7#

