

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN063021\  
 Data File : BN015237.D  
 Acq On : 01 Jul 2021 00:04  
 Operator : CG/JU  
 Sample : M2839-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB04-20210622

Quant Time: Jul 01 02:06:49 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jun 30 15:55:37 2021  
 Response via : Initial Calibration

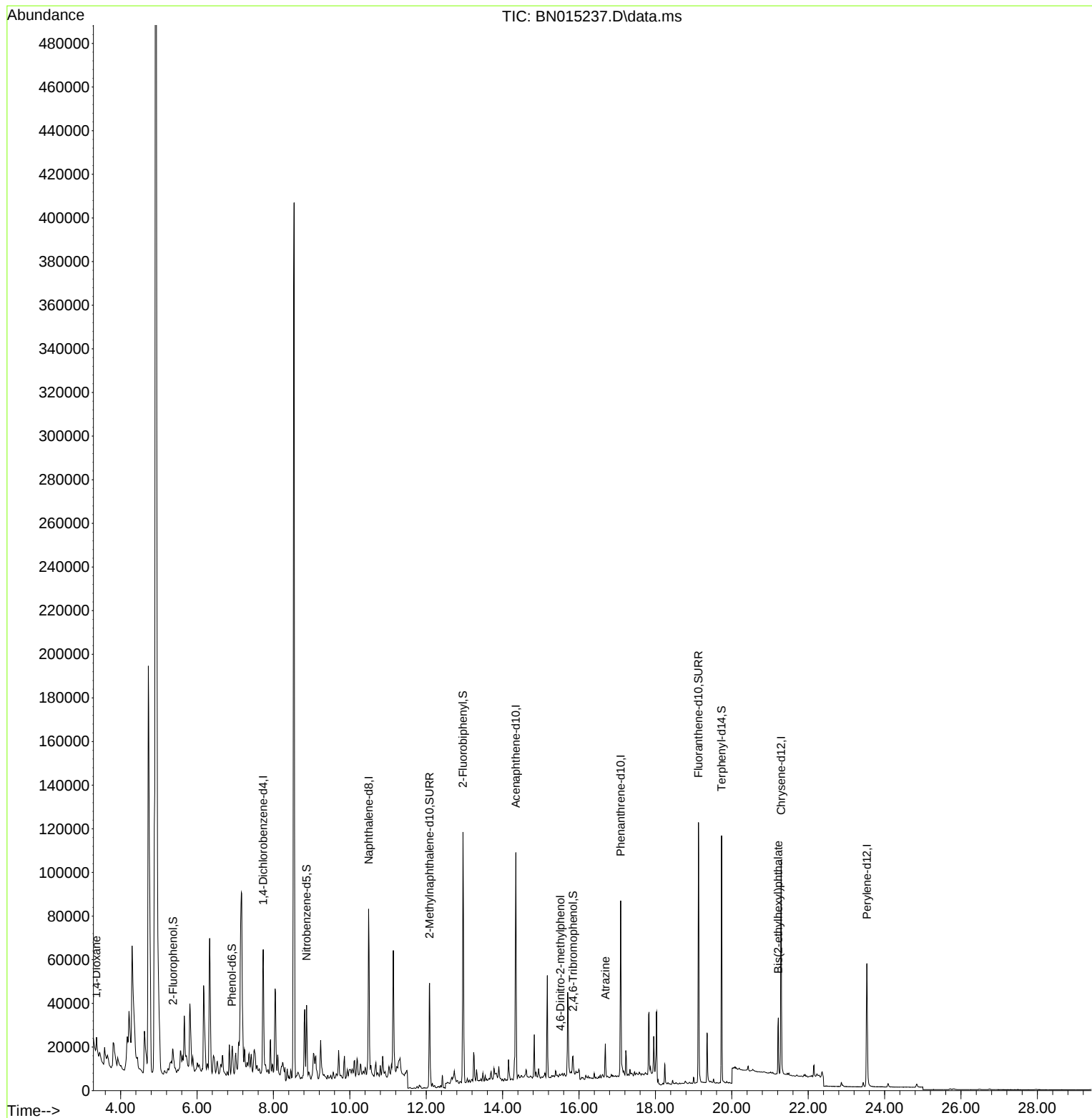
| Compound                      | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|-------------------------------|--------|------|----------|------|-------|----------|
| -----                         |        |      |          |      |       |          |
| Internal Standards            |        |      |          |      |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.732  | 152  | 22025    | 0.40 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.492 | 136  | 103108   | 0.40 | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.346 | 164  | 58027    | 0.40 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.091 | 188  | 111600   | 0.40 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.292 | 240  | 94571    | 0.40 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.537 | 264  | 78574    | 0.40 | ng    | -0.01    |
|                               |        |      |          |      |       |          |
| System Monitoring Compounds   |        |      |          |      |       |          |
| 4) 2-Fluorophenol             | 5.371  | 112  | 10578    | 0.19 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.911  | 99   | 7715     | 0.11 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 27445    | 0.47 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.088 | 152  | 65608    | 0.38 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.843 | 330  | 6786     | 0.44 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 96093    | 0.41 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.128 | 212  | 132795   | 0.40 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.734 | 244  | 110341   | 0.50 | ng    | 0.00     |
|                               |        |      |          |      |       |          |
| Target Compounds              |        |      |          |      |       | Qvalue   |
| 2) 1,4-Dioxane                | 3.361  | 88   | 875      | 0.08 | ng    | # 1      |
| 20) 4,6-Dinitro-2-methylph... | 15.513 | 198  | 73       | 0.03 | ng    | # 1      |
| 23) Atrazine                  | 16.690 | 200  | 1825     | 0.04 | ng    | 93       |
| 34) Bis(2-ethylhexyl)phtha... | 21.218 | 149  | 27547    | 0.26 | ng    | # 87     |
| -----                         |        |      |          |      |       |          |

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

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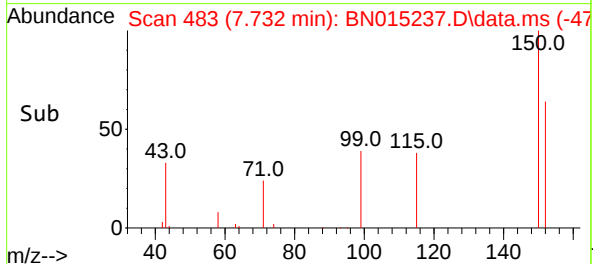
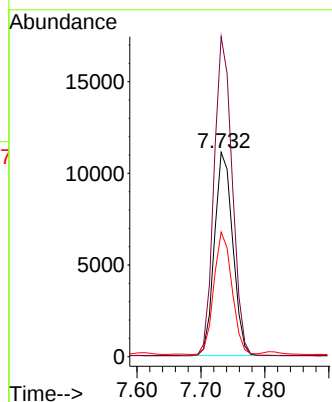
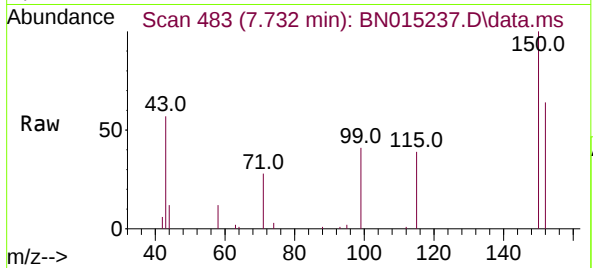




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.732 min Scan# 483  
 Delta R.T. -0.000 min  
 Lab File: BN015237.D  
 Acq: 01 Jul 2021 00:04

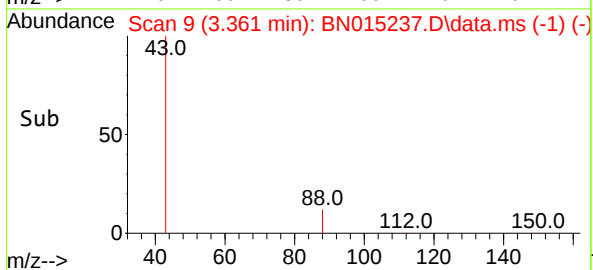
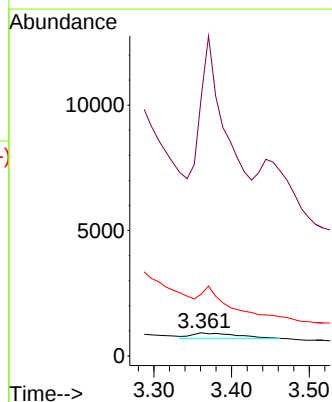
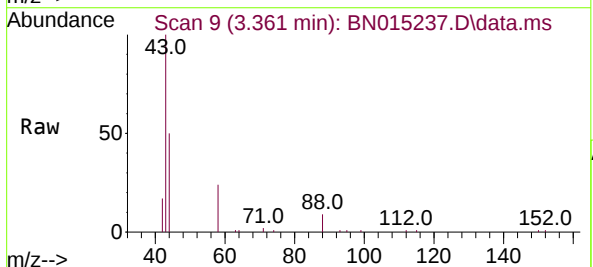
Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB04-20210622

Tgt Ion:152 Resp: 22025  
 Ion Ratio Lower Upper  
 152 100  
 150 156.7 119.0 178.6  
 115 61.0 62.2 93.4#



#2  
 1,4-Dioxane  
 Concen: 0.08 ng  
 RT: 3.361 min Scan# 9  
 Delta R.T. 0.009 min  
 Lab File: BN015237.D  
 Acq: 01 Jul 2021 00:04

Tgt Ion: 88 Resp: 875  
 Ion Ratio Lower Upper  
 88 100  
 43 1138.3 12.9 19.3#  
 58 301.3 38.1 57.1#

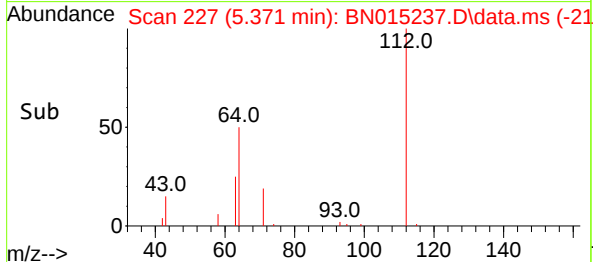
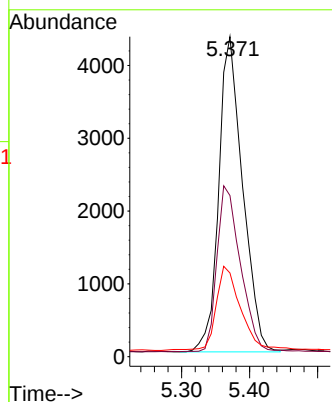
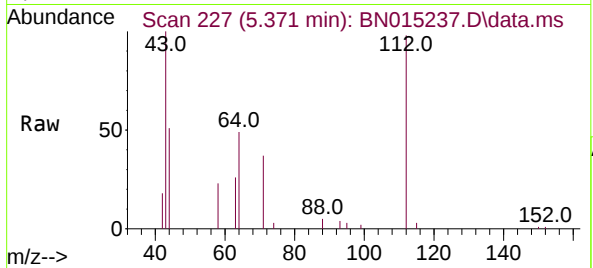




#4  
2-Fluorophenol  
Concen: 0.19 ng  
RT: 5.371 min Scan# 227  
Delta R.T. 0.009 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

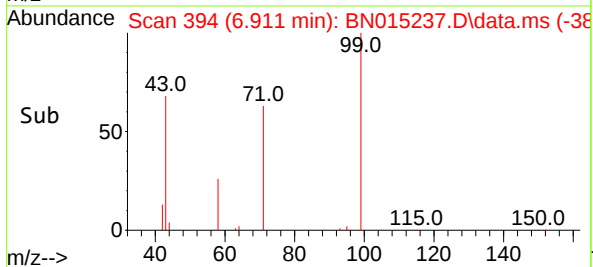
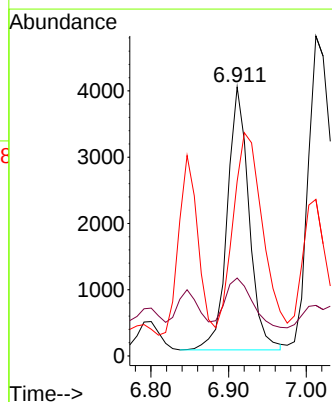
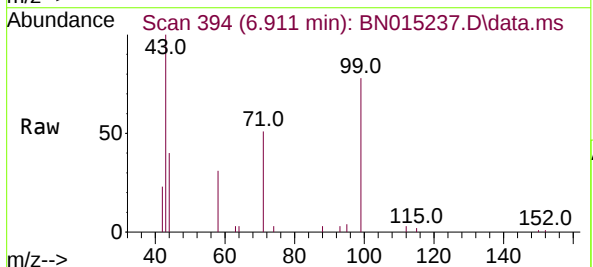
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20210622

Tgt Ion:112 Resp: 10578  
Ion Ratio Lower Upper  
112 100  
64 51.7 39.0 58.6  
63 26.9 20.6 30.8



#5  
Phenol-d6  
Concen: 0.11 ng  
RT: 6.911 min Scan# 394  
Delta R.T. 0.009 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

Tgt Ion: 99 Resp: 7715  
Ion Ratio Lower Upper  
99 100  
42 22.8 8.9 13.3#  
71 96.7 35.6 53.4#

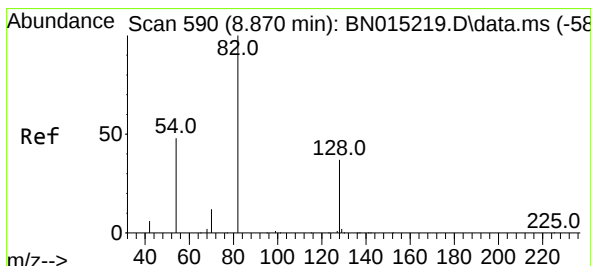
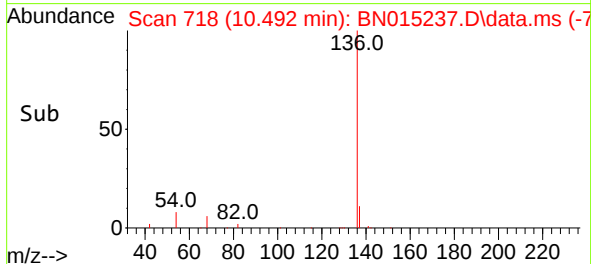
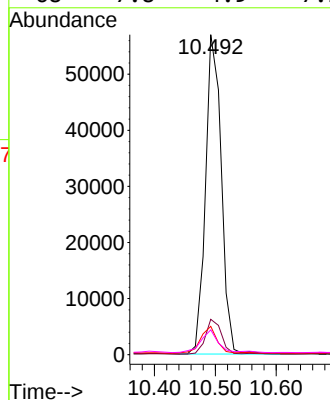
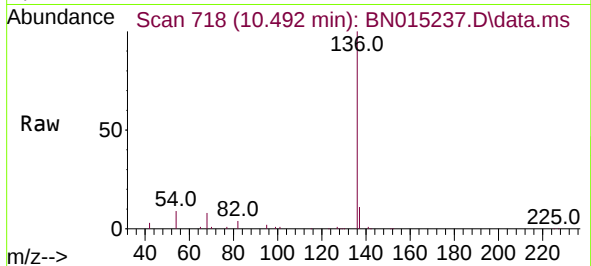




#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

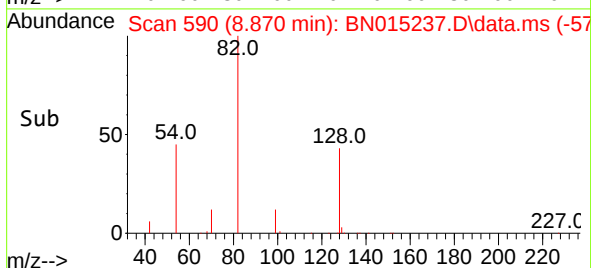
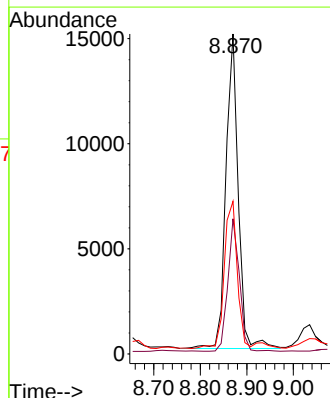
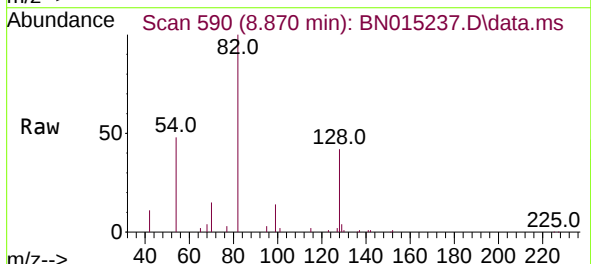
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20210622

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 103108   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 9.8 14.8 |
| 54          | 8.8   | 5.4 8.2# |
| 68          | 7.8   | 4.9 7.3# |



#8  
Nitrobenzene-d5  
Concen: 0.47 ng  
RT: 8.870 min Scan# 590  
Delta R.T. -0.000 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 82 | Resp: | 27445      |
| Ion Ratio   | Lower | Upper      |
| 82          | 100   |            |
| 128         | 42.3  | 31.6 47.4  |
| 54          | 47.7  | 29.0 43.4# |

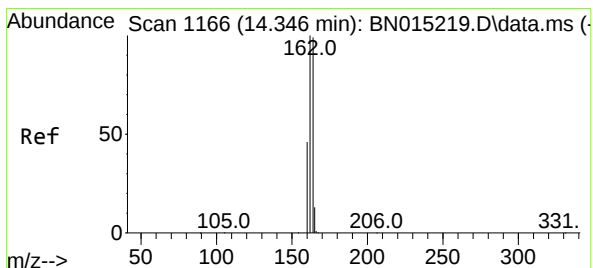
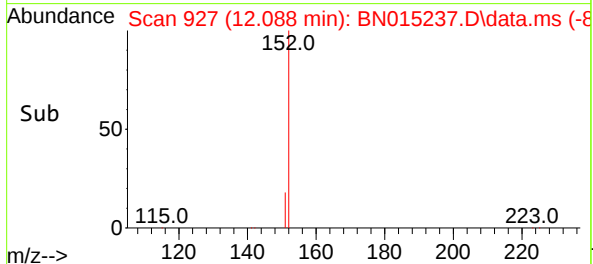
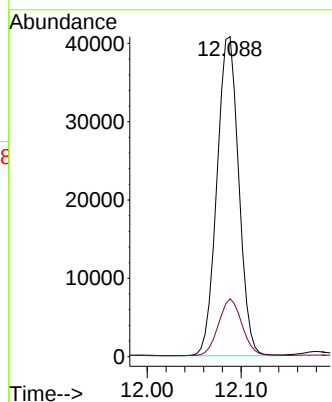
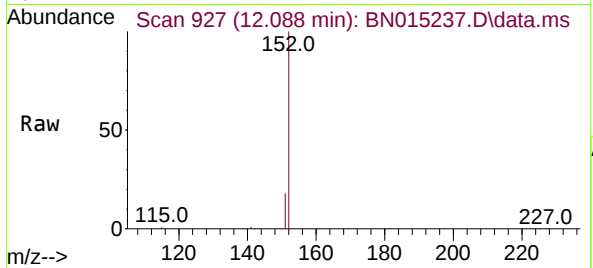




#11  
2-Methylnaphthalene-d10  
Concen: 0.38 ng  
RT: 12.088 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

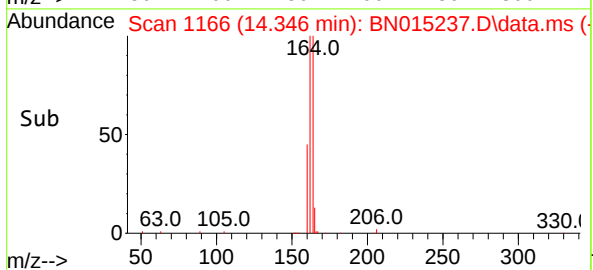
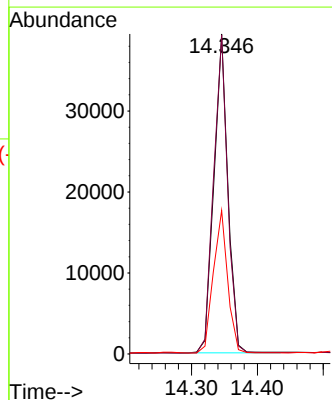
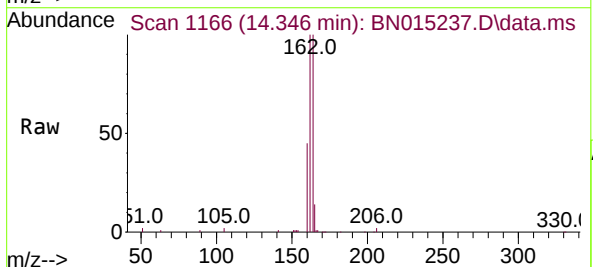
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20210622

Tgt Ion:152 Resp: 65608  
Ion Ratio Lower Upper  
152 100  
151 19.3 16.7 25.1



#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.346 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

Tgt Ion:164 Resp: 58027  
Ion Ratio Lower Upper  
164 100  
162 99.7 83.8 125.6  
160 44.9 37.4 56.0

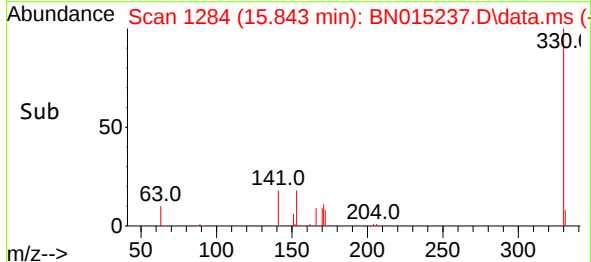
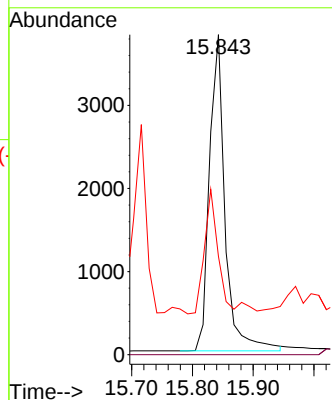
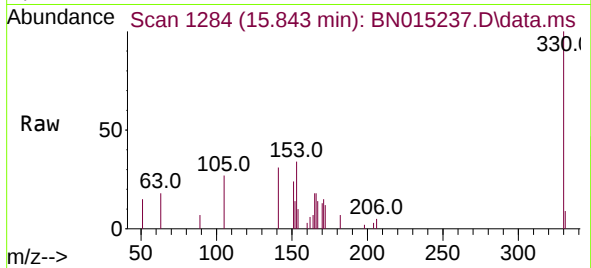




#14  
2,4,6-Tribromophenol  
Concen: 0.44 ng  
RT: 15.843 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

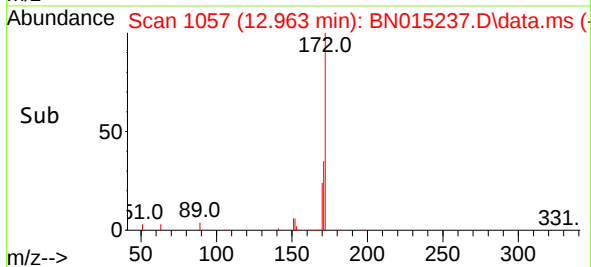
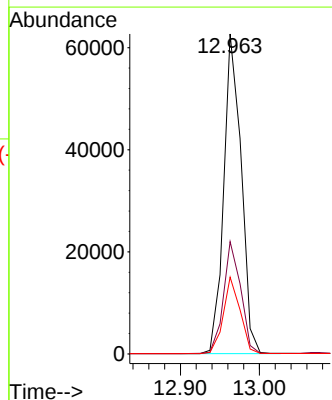
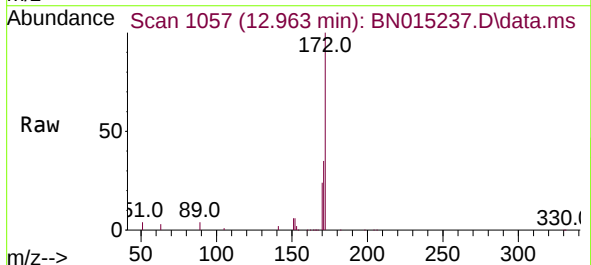
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EB04-20210622

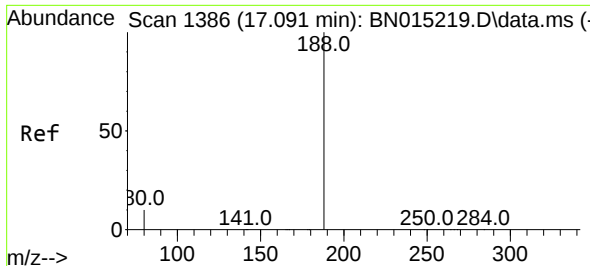
Tgt Ion: 330 Resp: 6786  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 34.2 22.4 33.6#



#15  
2-Fluorobiphenyl  
Concen: 0.41 ng  
RT: 12.963 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

Tgt Ion: 172 Resp: 96093  
Ion Ratio Lower Upper  
172 100  
171 35.1 30.6 45.8  
170 24.0 20.2 30.4

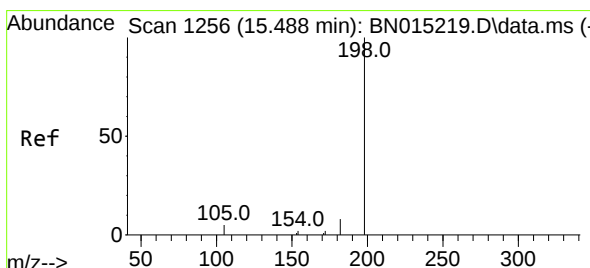
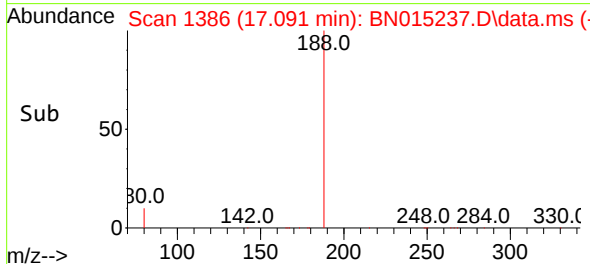
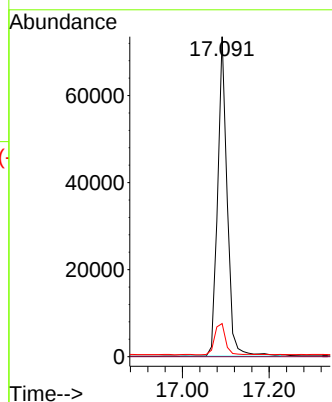
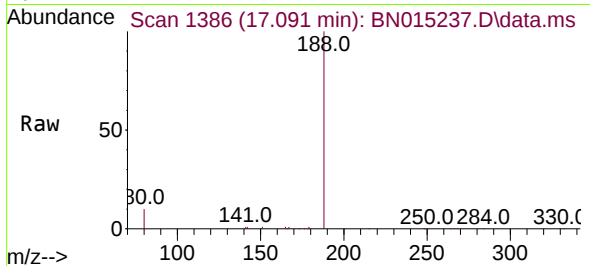




#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.091 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

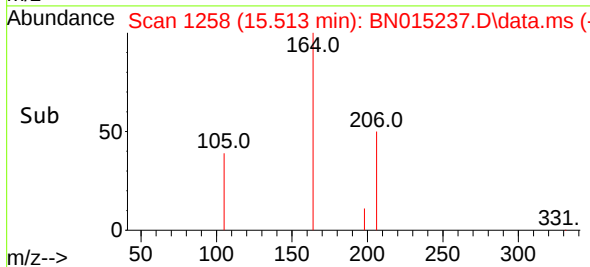
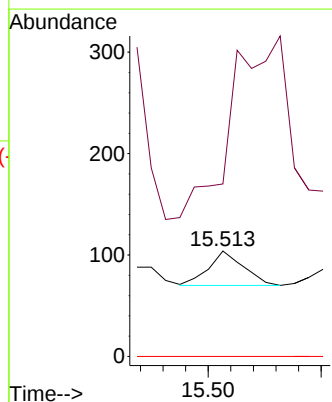
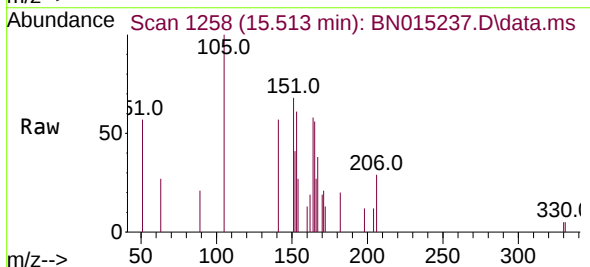
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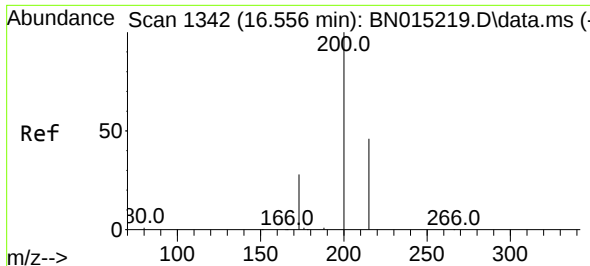
Tgt Ion:188 Resp: 111600  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.3 9.0 13.4



#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.03 ng  
RT: 15.513 min Scan# 1258  
Delta R.T. 0.025 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

Tgt Ion:198 Resp: 73  
Ion Ratio Lower Upper  
198 100  
182 163.5 34.5 51.7#  
77 0.0 0.0 0.0

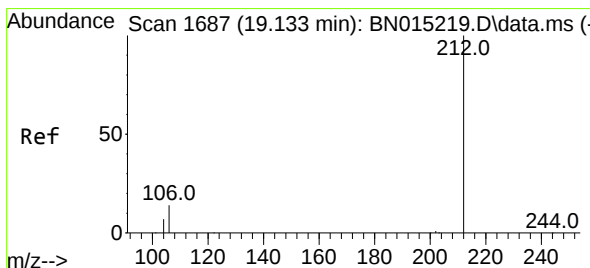
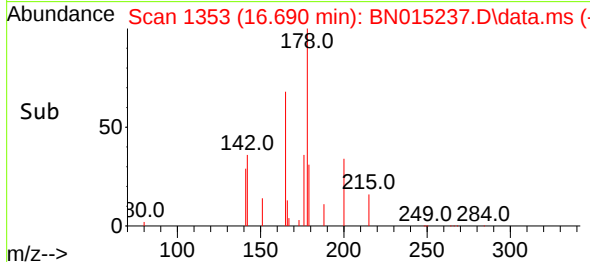
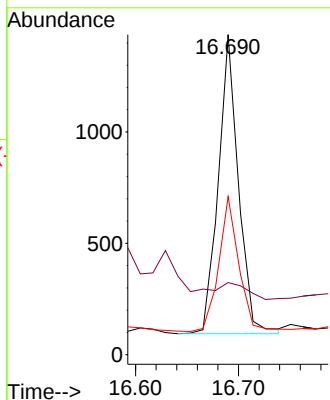
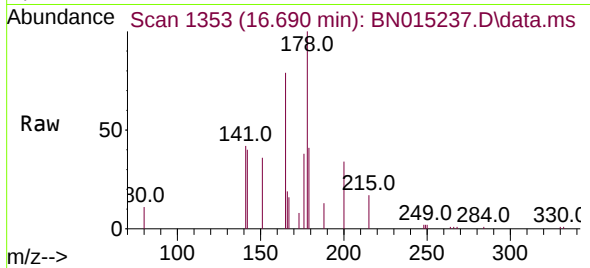




#23  
Atrazine  
Concen: 0.04 ng  
RT: 16.690 min Scan# 1353  
Delta R.T. 0.134 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

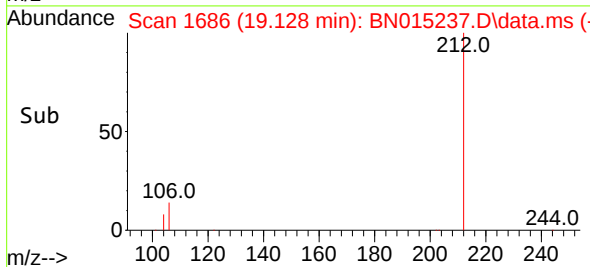
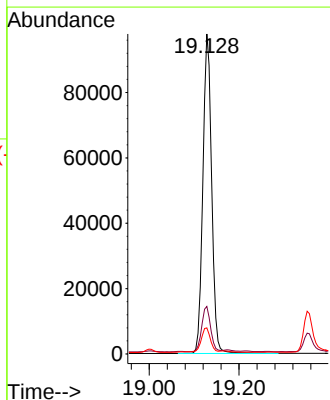
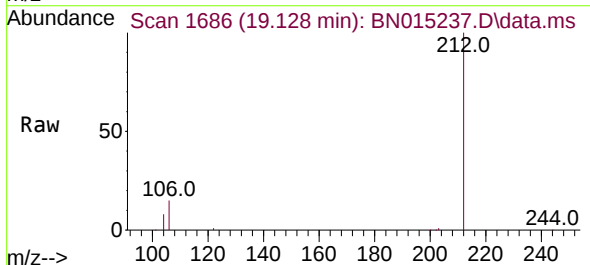
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BNA\_N  
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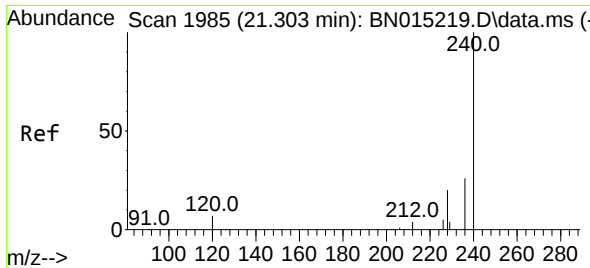
Tgt Ion:200 Resp: 1825  
Ion Ratio Lower Upper  
200 100  
173 22.5 21.7 32.5  
215 49.4 43.1 64.7



#27  
Fluoranthene-d10  
Concen: 0.40 ng  
RT: 19.128 min Scan# 1686  
Delta R.T. -0.005 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

Tgt Ion:212 Resp: 132795  
Ion Ratio Lower Upper  
212 100  
106 14.3 7.0 10.6#  
104 8.3 4.1 6.1#

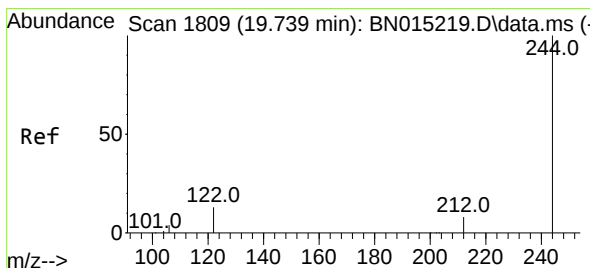
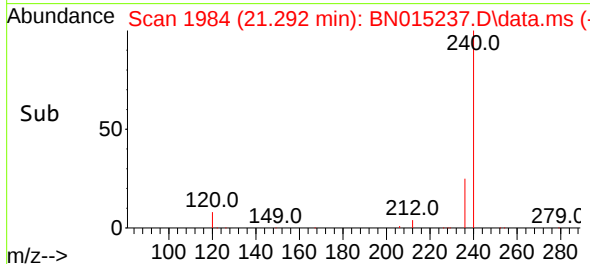
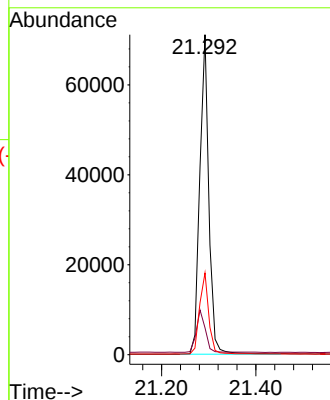
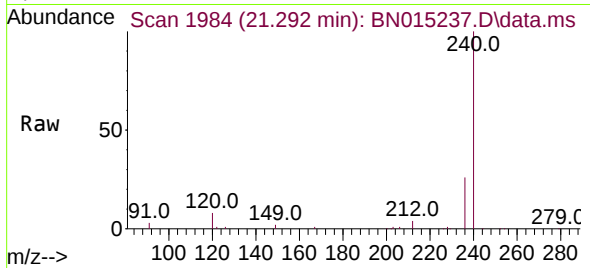




#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.292 min Scan# 1984  
Delta R.T. -0.011 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

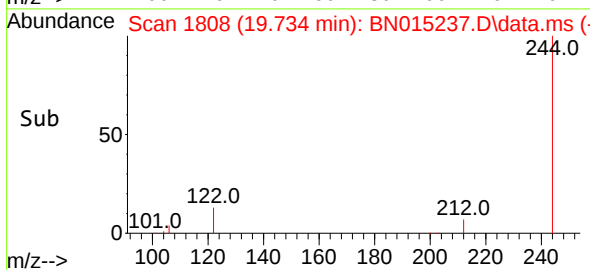
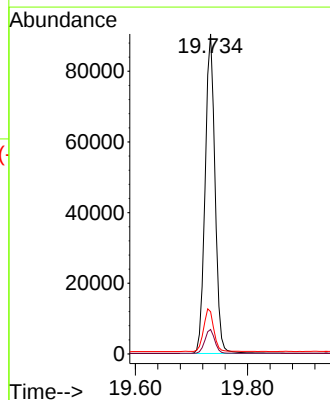
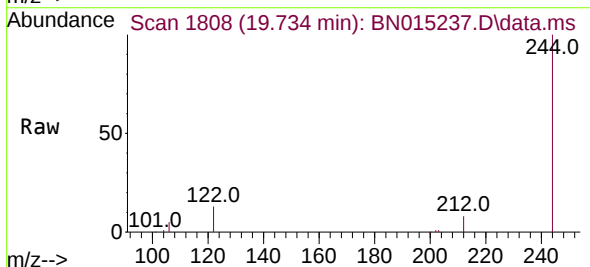
Instrument :  
BNA\_N  
ClientSampleId :  
EB04-20210622

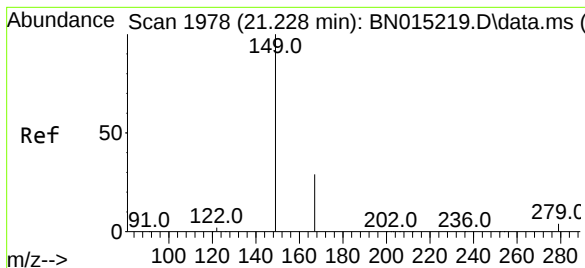
Tgt Ion:240 Resp: 94571  
Ion Ratio Lower Upper  
240 100  
120 8.4 4.2 6.4#  
236 25.6 21.4 32.2



#31  
Terphenyl-d14  
Concen: 0.50 ng  
RT: 19.734 min Scan# 1808  
Delta R.T. -0.005 min  
Lab File: BN015237.D  
Acq: 01 Jul 2021 00:04

Tgt Ion:244 Resp: 110341  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.3 9.5  
122 13.2 6.2 9.2#

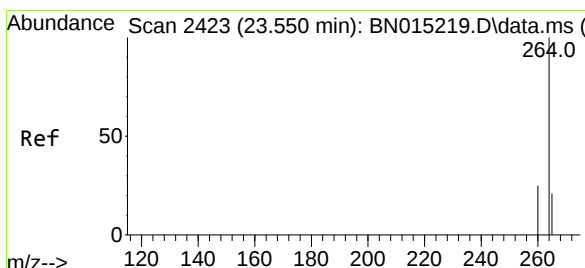
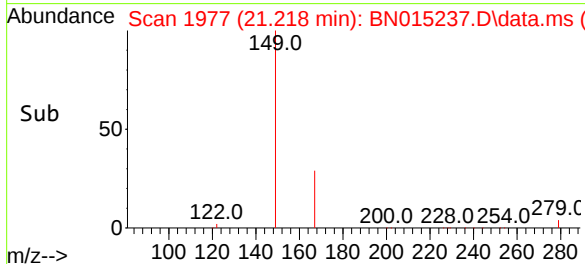
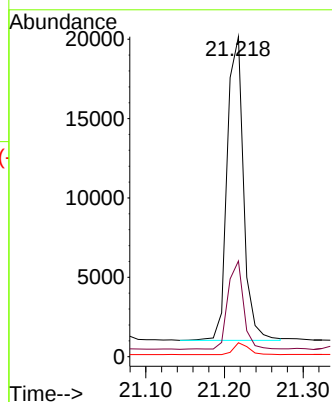
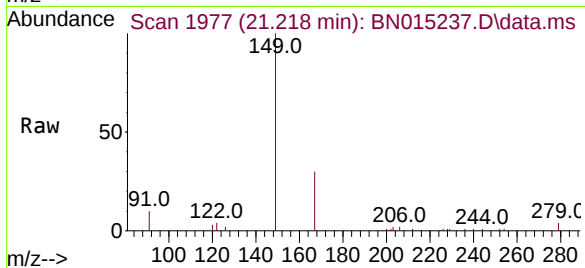




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.26 ng  
 RT: 21.218 min Scan# 1977  
 Delta R.T. -0.011 min  
 Lab File: BN015237.D  
 Acq: 01 Jul 2021 00:04

Instrument :  
 BNA\_N  
 ClientSampleId :  
 EB04-20210622

Tgt Ion:149 Resp: 27547  
 Ion Ratio Lower Upper  
 149 100  
 167 27.9 28.9 43.3#  
 279 3.6 4.9 7.3#



#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.537 min Scan# 2419  
 Delta R.T. -0.014 min  
 Lab File: BN015237.D  
 Acq: 01 Jul 2021 00:04

Tgt Ion:264 Resp: 78574  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 20.6 31.0  
 265 23.0 21.4 32.2

