

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN063021\  
 Data File : BN015232.D  
 Acq On : 30 Jun 2021 21:02  
 Operator : CG/JU  
 Sample : M2783-22  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20210618

Quant Time: Jul 01 02:06:19 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

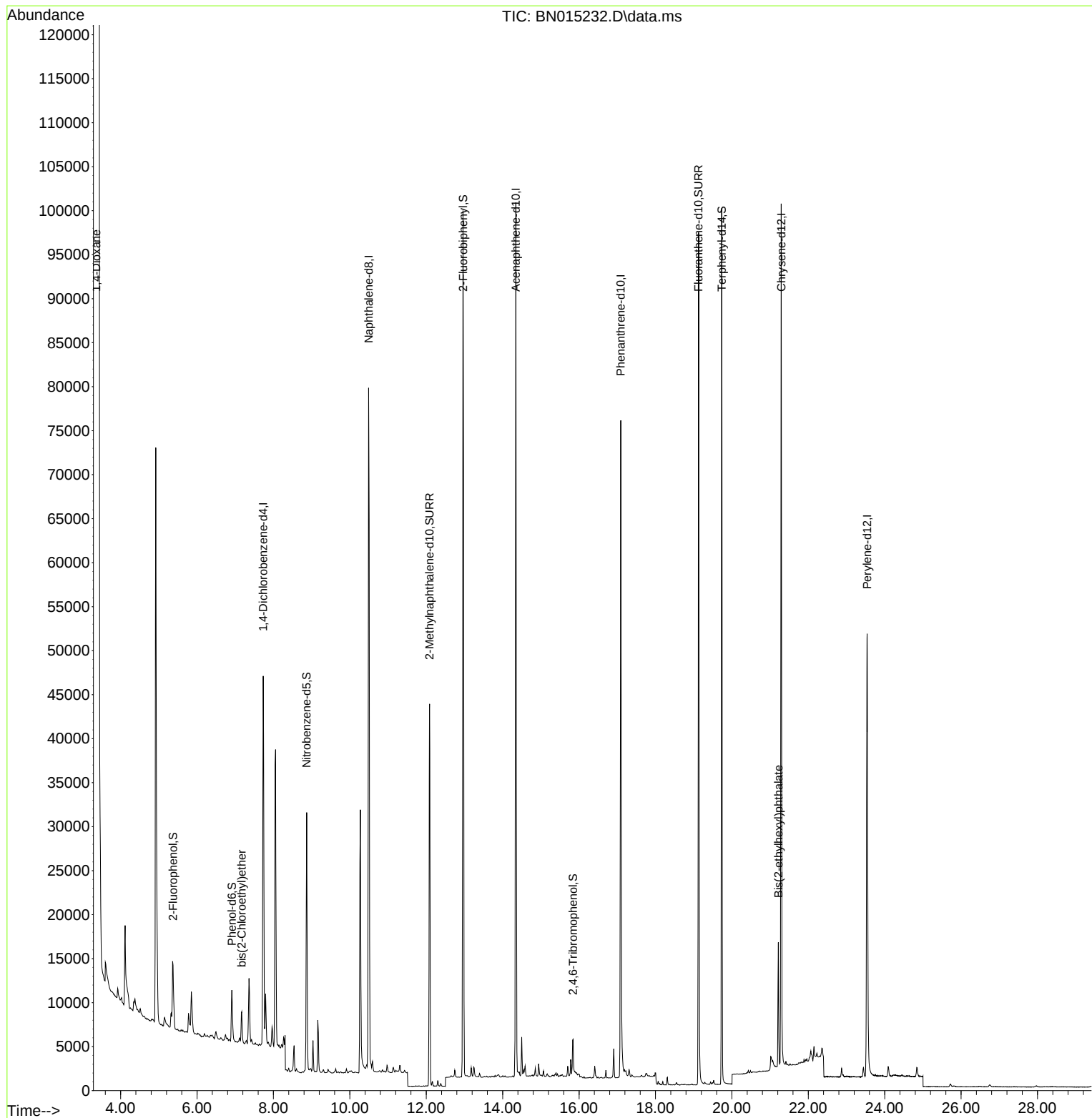
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.732  | 152  | 23500    | 0.40  | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.492 | 136  | 107647   | 0.40  | ng    | # 0.00   |
| 13) Acenaphthene-d10          | 14.346 | 164  | 55378    | 0.40  | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.091 | 188  | 105404   | 0.40  | ng    | 0.00     |
| 29) Chrysene-d12              | 21.292 | 240  | 89326    | 0.40  | ng    | #-0.01   |
| 35) Perylene-d12              | 23.540 | 264  | 74272    | 0.40  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.371  | 112  | 9032     | 0.15  | ng    | 0.00     |
| 5) Phenol-d6                  | 6.911  | 99   | 5860     | 0.08  | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 24130    | 0.40  | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.088 | 152  | 59461    | 0.33  | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.843 | 330  | 4449     | 0.30  | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 88004    | 0.39  | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.128 | 212  | 112002   | 0.36  | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.734 | 244  | 97500    | 0.47  | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.361  | 88   | 115923   | 10.52 | ng    | # 71     |
| 6) bis(2-Chloroethyl)ether    | 7.169  | 93   | 3298     | 0.04  | ng    | # 86     |
| 34) Bis(2-ethylhexyl)phtha... | 21.218 | 149  | 13989    | 0.14  | ng    | # 86     |
| -----                         |        |      |          |       |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN063021\  
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ALS Vial : 7 Sample Multiplier: 1

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Quant Time: Jul 01 02:06:19 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
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QLast Update : Wed Jun 30 15:55:37 2021  
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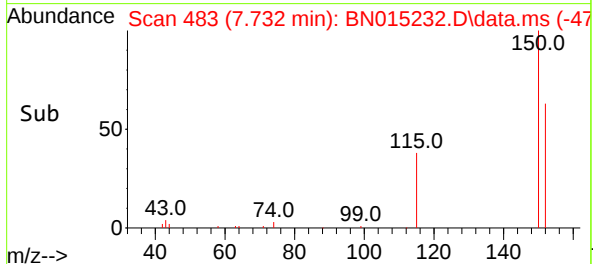
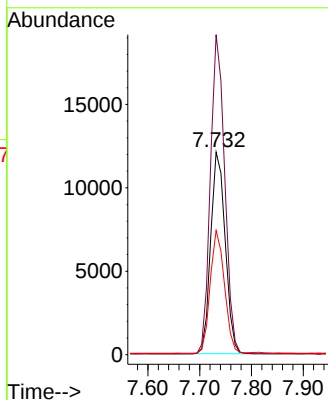
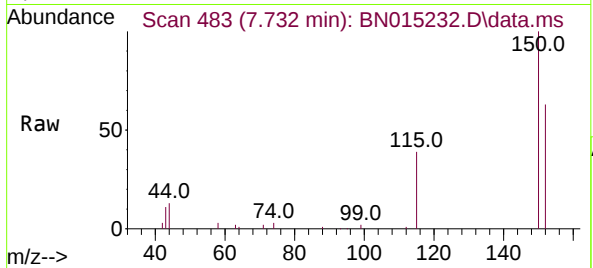




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.40 ng  
 RT: 7.732 min Scan# 483  
 Delta R.T. -0.000 min  
 Lab File: BN015232.D  
 Acq: 30 Jun 2021 21:02

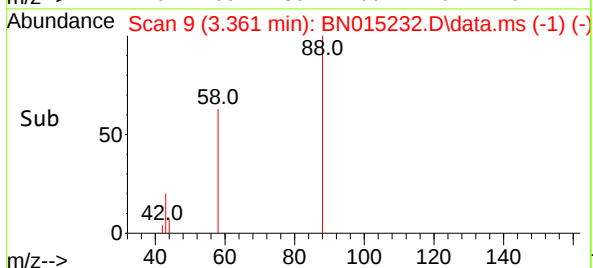
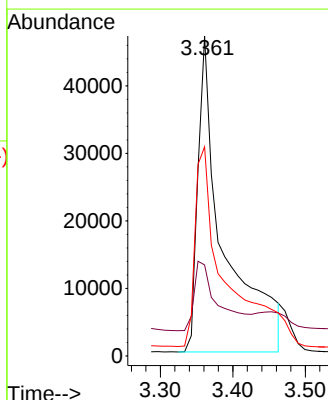
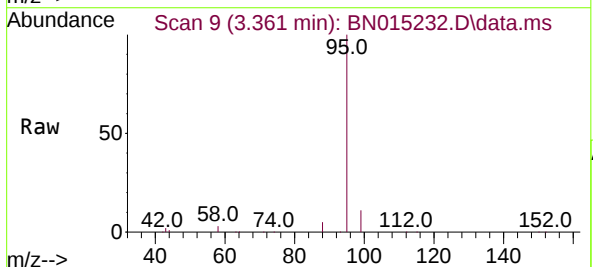
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20210618

Tgt Ion: 152 Resp: 23500  
 Ion Ratio Lower Upper  
 152 100  
 150 158.0 119.0 178.6  
 115 61.3 62.2 93.4#



#2  
 1,4-Dioxane  
 Concen: 10.52 ng  
 RT: 3.361 min Scan# 9  
 Delta R.T. 0.009 min  
 Lab File: BN015232.D  
 Acq: 30 Jun 2021 21:02

Tgt Ion: 88 Resp: 115923  
 Ion Ratio Lower Upper  
 88 100  
 43 21.3 12.9 19.3#  
 58 71.2 38.1 57.1#

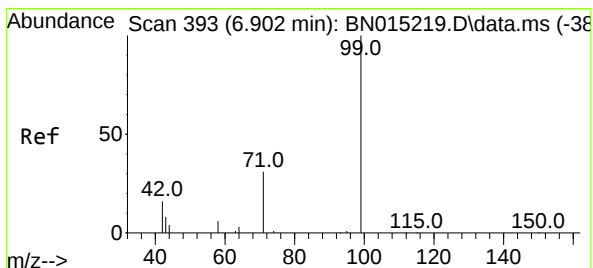
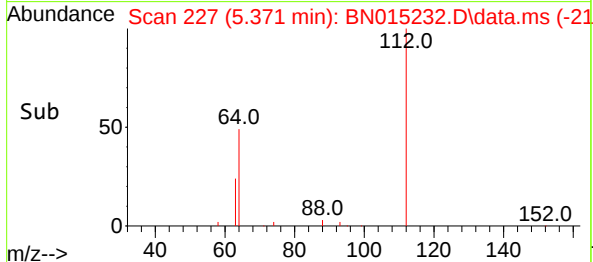
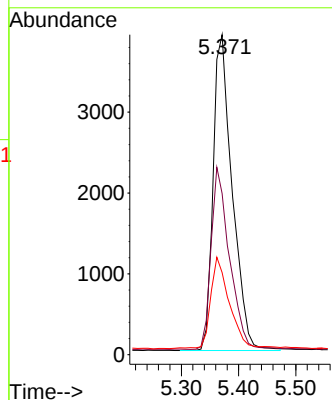
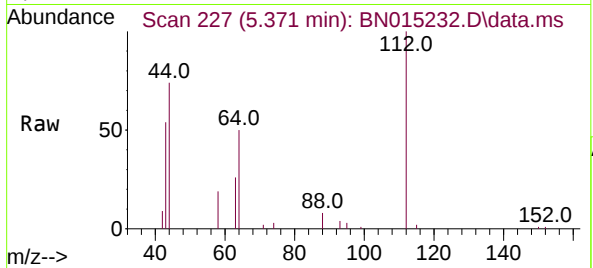




#4  
2-Fluorophenol  
Concen: 0.15 ng  
RT: 5.371 min Scan# 227  
Delta R.T. 0.009 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

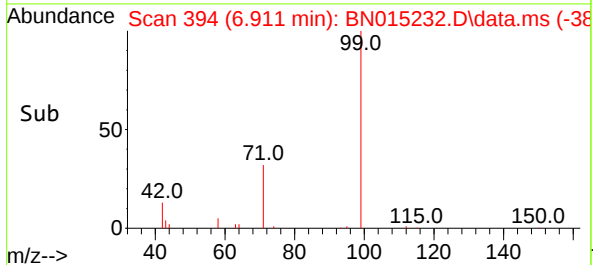
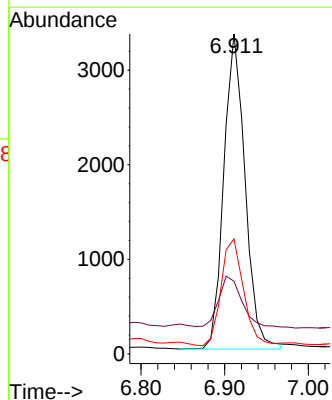
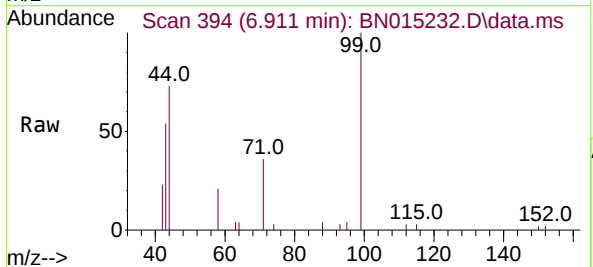
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20210618

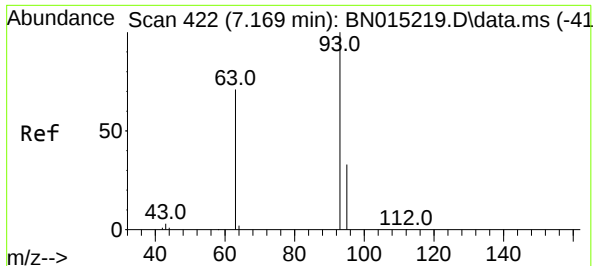
Tgt Ion:112 Resp: 9032  
Ion Ratio Lower Upper  
112 100  
64 55.7 39.0 58.6  
63 28.6 20.6 30.8



#5  
Phenol-d6  
Concen: 0.08 ng  
RT: 6.911 min Scan# 394  
Delta R.T. 0.009 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

Tgt Ion: 99 Resp: 5860  
Ion Ratio Lower Upper  
99 100  
42 17.2 8.9 13.3#  
71 35.7 35.6 53.4

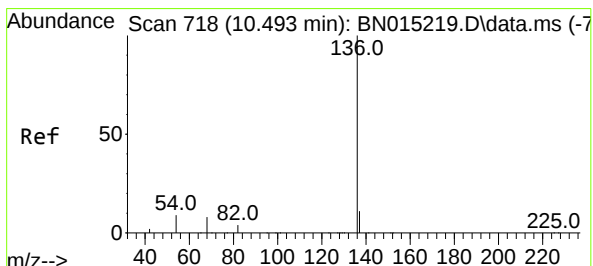
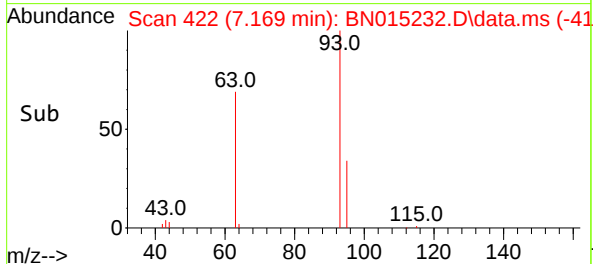
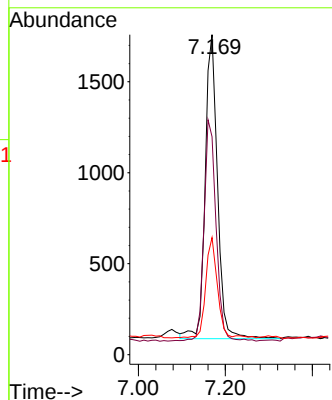
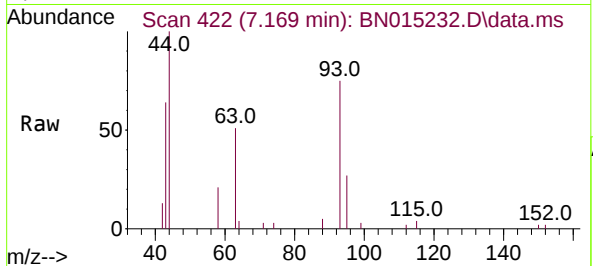




#6  
bis(2-Chloroethyl)ether  
Concen: 0.04 ng  
RT: 7.169 min Scan# 422  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

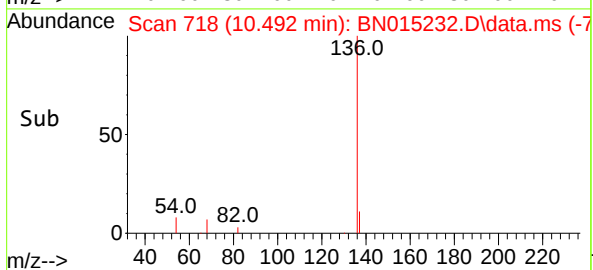
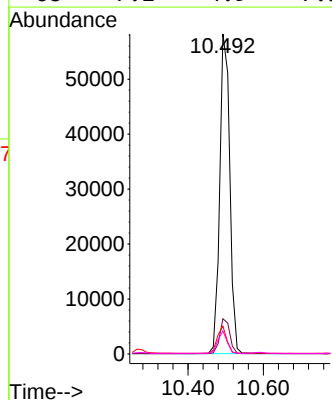
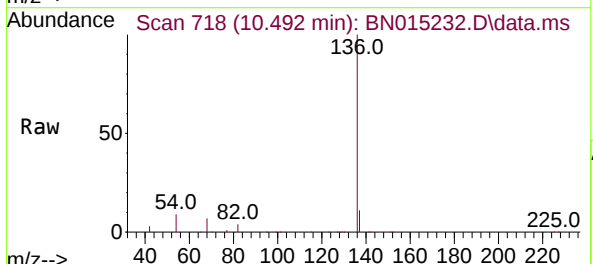
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20210618

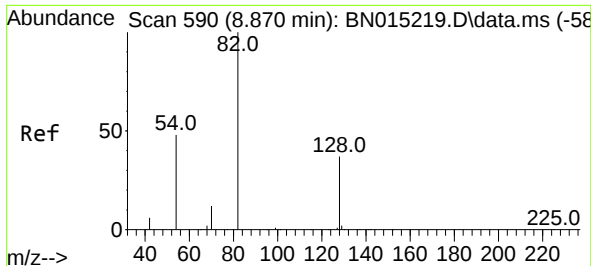
Tgt Ion: 93 Resp: 3298  
Ion Ratio Lower Upper  
93 100  
63 71.0 46.6 70.0#  
95 30.4 28.6 42.8



#7  
Naphthalene-d8  
Concen: 0.40 ng  
RT: 10.492 min Scan# 718  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

Tgt Ion: 136 Resp: 107647  
Ion Ratio Lower Upper  
136 100  
137 11.0 9.8 14.8  
54 8.7 5.4 8.2#  
68 7.2 4.9 7.3

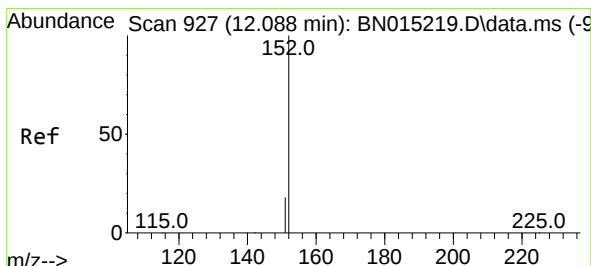
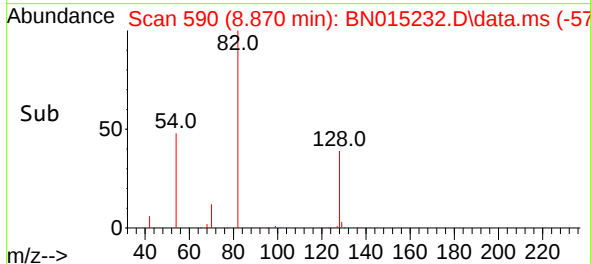
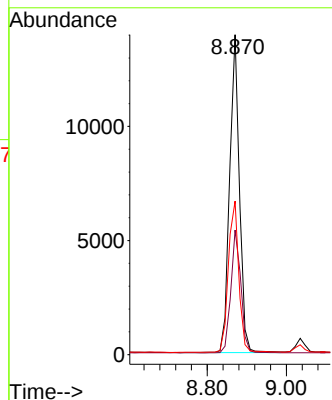
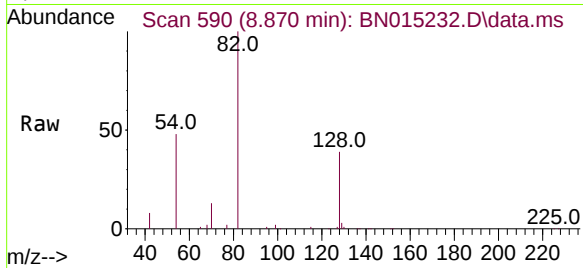




#8  
Nitrobenzene-d5  
Concen: 0.40 ng  
RT: 8.870 min Scan# 590  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

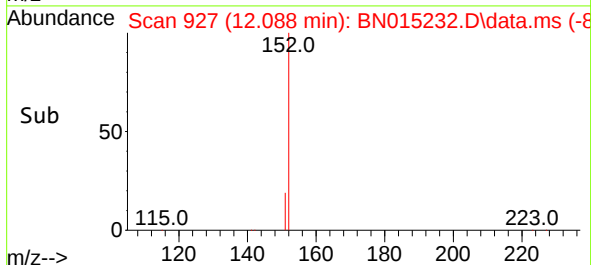
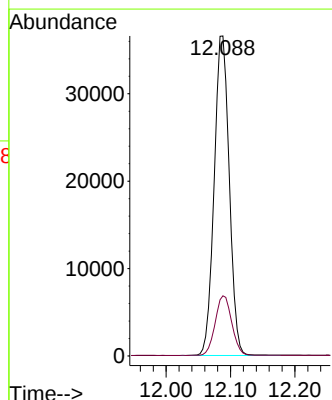
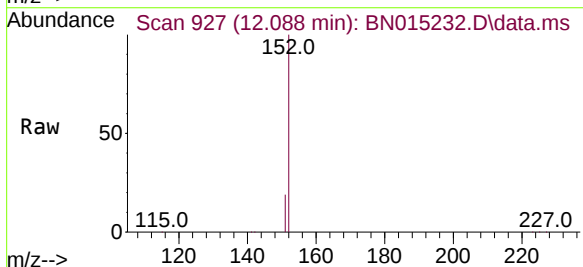
Instrument :  
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RE132D6-20210618

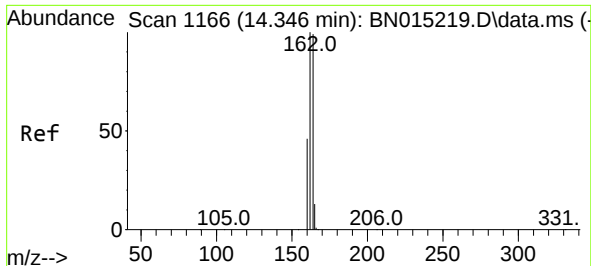
Tgt Ion: 82 Resp: 24130  
Ion Ratio Lower Upper  
82 100  
128 38.9 31.6 47.4  
54 48.0 29.0 43.4#



#11  
2-Methylnaphthalene-d10  
Concen: 0.33 ng  
RT: 12.088 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

Tgt Ion: 152 Resp: 59461  
Ion Ratio Lower Upper  
152 100  
151 20.5 16.7 25.1

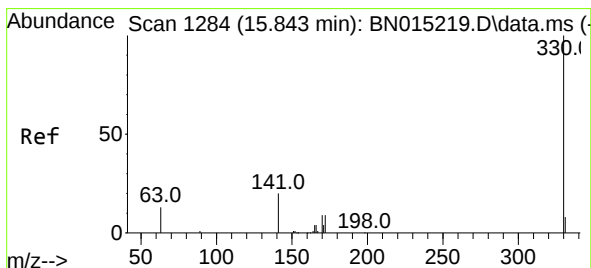
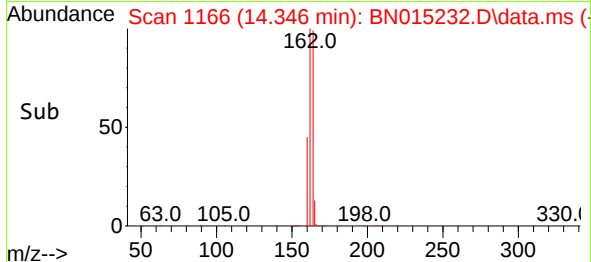
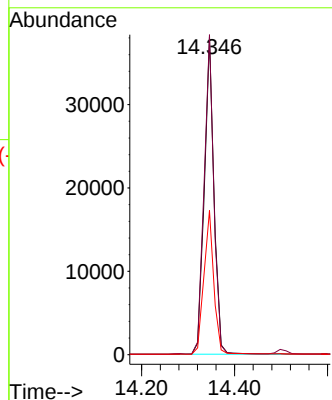
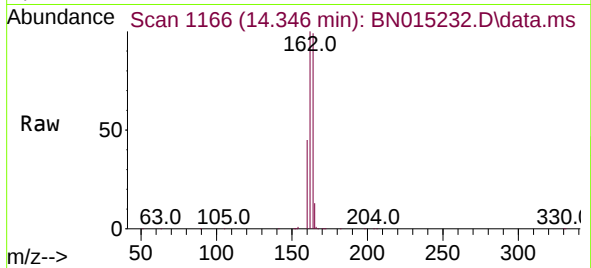




#13  
Acenaphthene-d10  
Concen: 0.40 ng  
RT: 14.346 min Scan# 1166  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

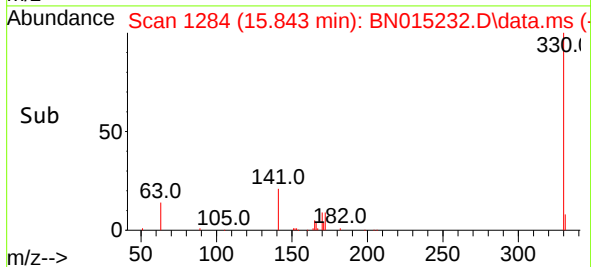
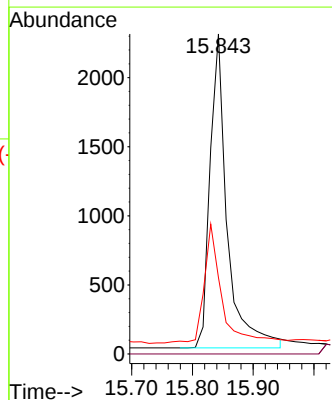
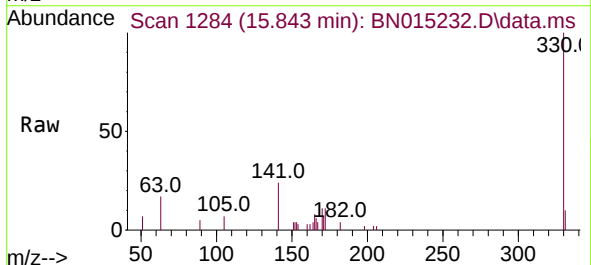
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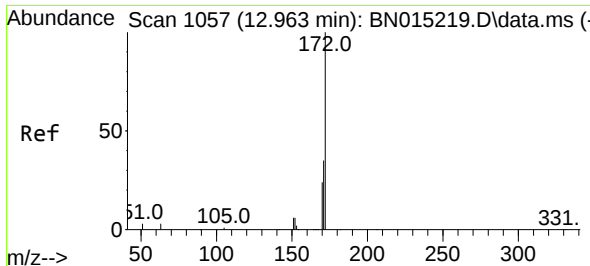
Tgt Ion:164 Resp: 55378  
Ion Ratio Lower Upper  
164 100  
162 100.7 83.8 125.6  
160 45.4 37.4 56.0



#14  
2,4,6-Tribromophenol  
Concen: 0.30 ng  
RT: 15.843 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

Tgt Ion:330 Resp: 4449  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 35.8 22.4 33.6#

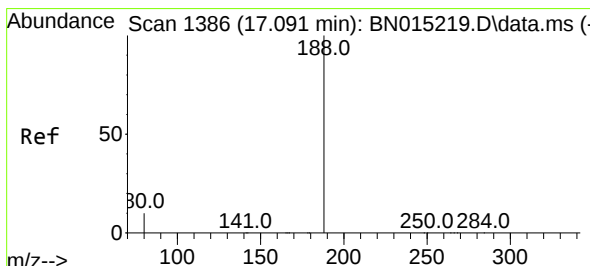
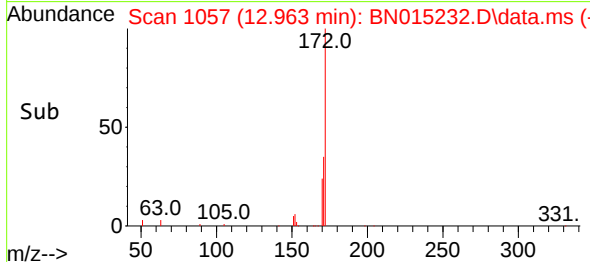
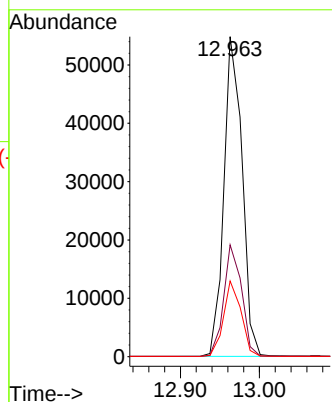
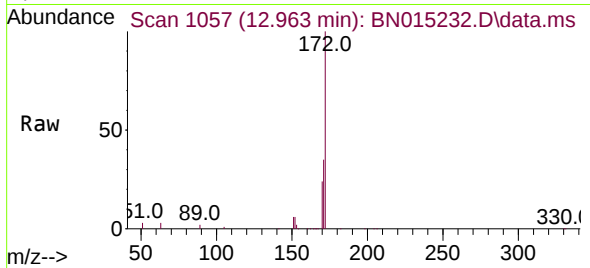




#15  
2-Fluorobiphenyl  
Concen: 0.39 ng  
RT: 12.963 min Scan# 1057  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

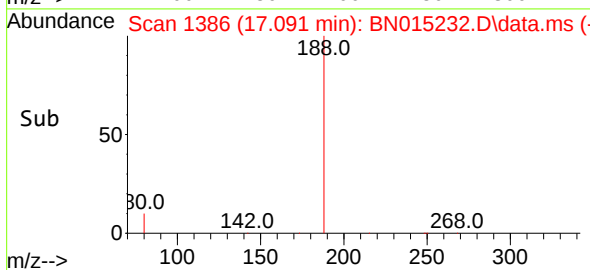
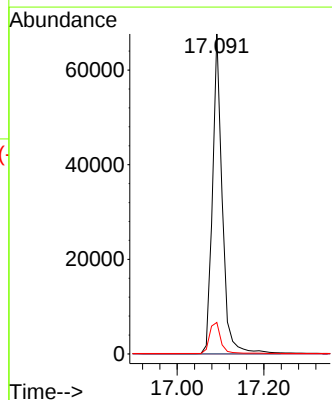
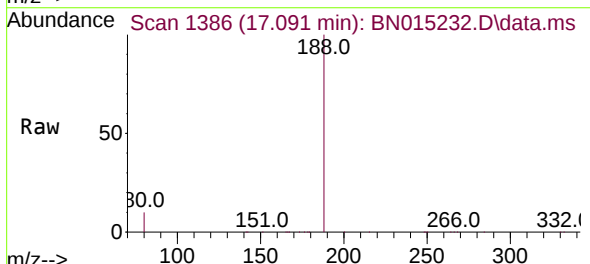
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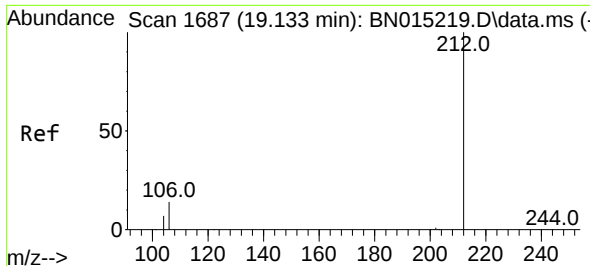
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|----------|-------|-------|-------|
| Tgt Ion: | 172   | Resp: | 88004 |
| Ion      | Ratio | Lower | Upper |
| 172      | 100   |       |       |
| 171      | 35.0  | 30.6  | 45.8  |
| 170      | 23.6  | 20.2  | 30.4  |



#19  
Phenanthrene-d10  
Concen: 0.40 ng  
RT: 17.091 min Scan# 1386  
Delta R.T. -0.000 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 188   | Resp: | 105404 |
| Ion      | Ratio | Lower | Upper  |
| 188      | 100   |       |        |
| 94       | 0.0   | 0.0   | 0.0    |
| 80       | 9.8   | 9.0   | 13.4   |

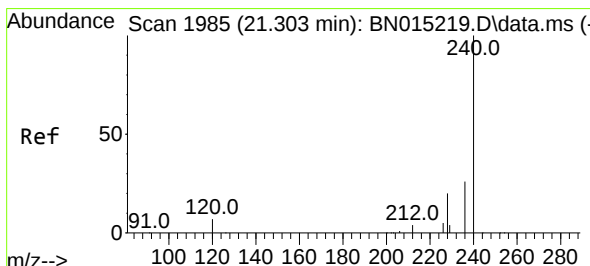
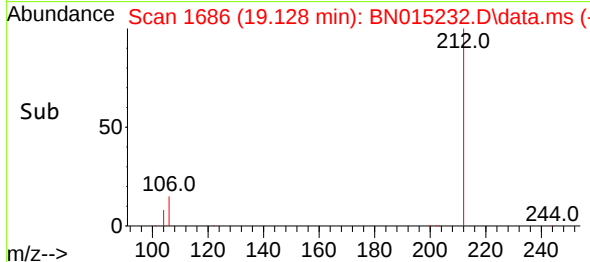
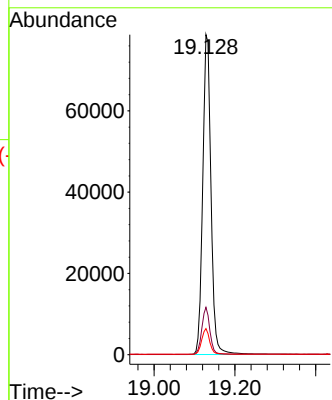
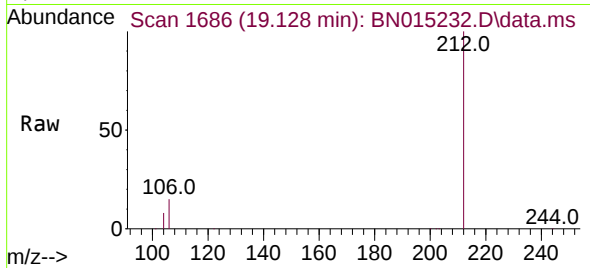




#27  
Fluoranthene-d10  
Concen: 0.36 ng  
RT: 19.128 min Scan# 1686  
Delta R.T. -0.005 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

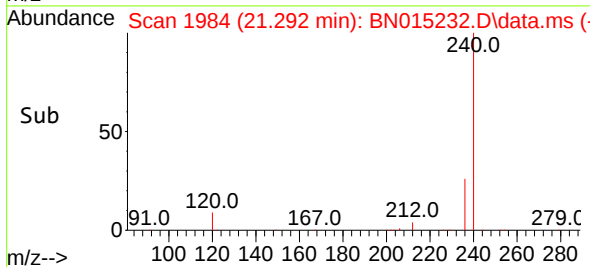
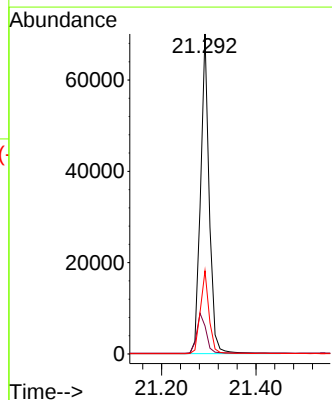
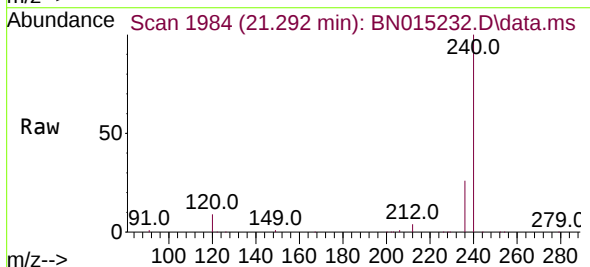
Instrument :  
BNA\_N  
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RE132D6-20210618

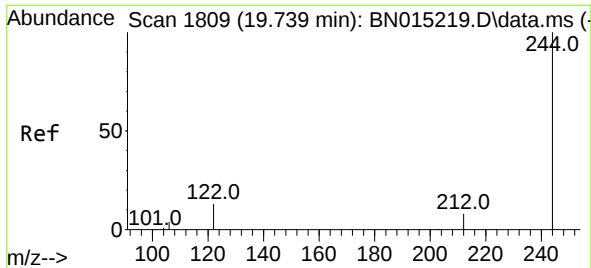
Tgt Ion:212 Resp: 112002  
Ion Ratio Lower Upper  
212 100  
106 14.3 7.0 10.6#  
104 7.8 4.1 6.1#



#29  
Chrysene-d12  
Concen: 0.40 ng  
RT: 21.292 min Scan# 1984  
Delta R.T. -0.011 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

Tgt Ion:240 Resp: 89326  
Ion Ratio Lower Upper  
240 100  
120 8.8 4.2 6.4#  
236 26.0 21.4 32.2

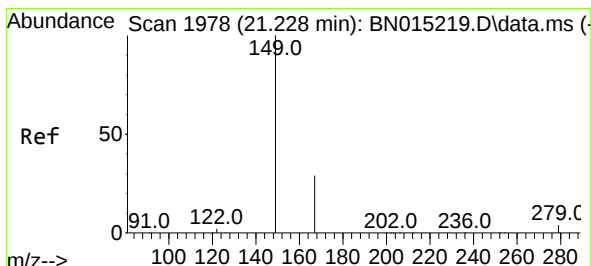
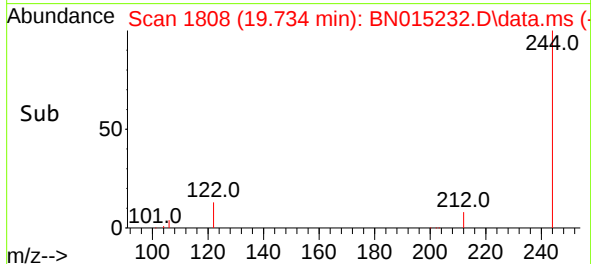
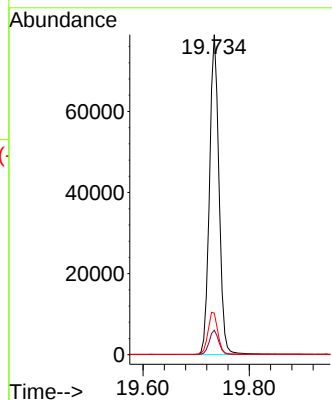
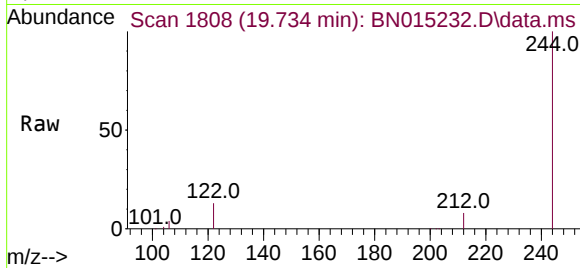




#31  
Terphenyl-d14  
Concen: 0.47 ng  
RT: 19.734 min Scan# 1808  
Delta R.T. -0.005 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

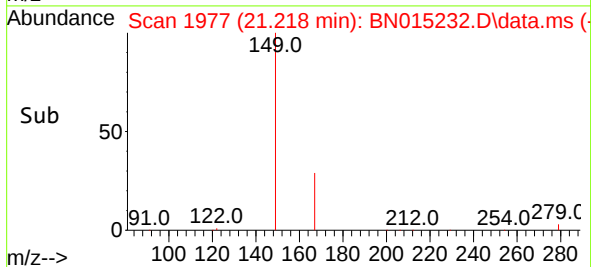
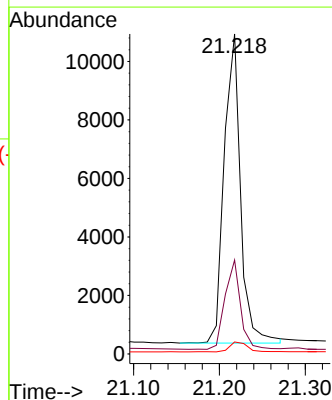
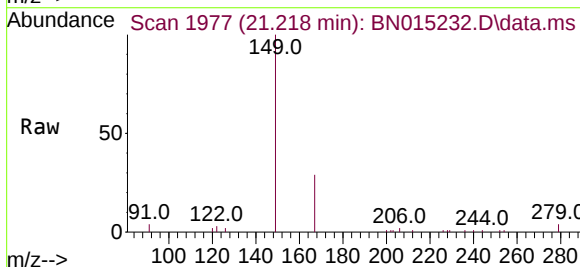
Instrument :  
BNA\_N  
ClientSampleId :  
RE132D6-20210618

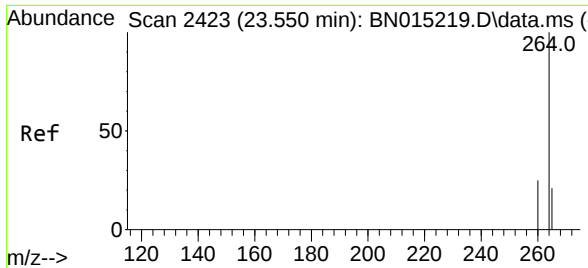
Tgt Ion:244 Resp: 97500  
Ion Ratio Lower Upper  
244 100  
212 7.7 6.3 9.5  
122 13.0 6.2 9.2#



#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.14 ng  
RT: 21.218 min Scan# 1977  
Delta R.T. -0.011 min  
Lab File: BN015232.D  
Acq: 30 Jun 2021 21:02

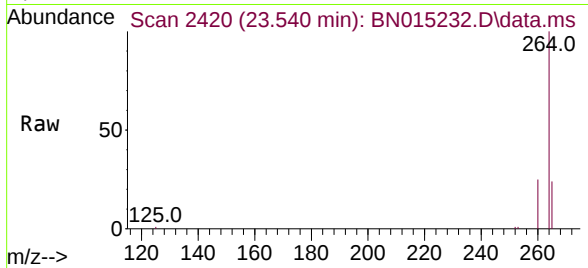
Tgt Ion:149 Resp: 13989  
Ion Ratio Lower Upper  
149 100  
167 27.4 28.9 43.3#  
279 3.6 4.9 7.3#





#35  
 Perylene-d12  
 Concen: 0.40 ng  
 RT: 23.540 min Scan# 2420  
 Delta R.T. -0.010 min  
 Lab File: BN015232.D  
 Acq: 30 Jun 2021 21:02

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D6-20210618



Tgt Ion:264 Resp: 74272

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 25.4  | 20.6  | 31.0  |
| 265 | 23.6  | 21.4  | 32.2  |

