

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN070121\  
 Data File : BN015270.D  
 Acq On : 01 Jul 2021 21:07  
 Operator : CG/JU  
 Sample : M2838-06  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE109D2-20210622

Manual Integrations  
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 7/2/2021 10:38:56 AM

Quant Time: Jul 02 01:00:32 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jul 01 09:06:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.735  | 152  | 22469    | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.495 | 136  | 102558   | 0.400 | ng    | 0.00     |
| 13) Acenaphthene-d10          | 14.345 | 164  | 55322    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.091 | 188  | 110244   | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.291 | 240  | 86105    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.539 | 264  | 70456    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.365  | 112  | 9334     | 0.163 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.914  | 99   | 6834     | 0.095 | ng    | 0.01     |
| 8) Nitrobenzene-d5            | 8.873  | 82   | 19924    | 0.347 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.083 | 152  | 53649    | 0.316 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.842 | 330  | 4946     | 0.427 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.962 | 172  | 82274    | 0.366 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.128 | 212  | 111173   | 0.341 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.733 | 244  | 92463    | 0.459 | ng    | 0.00     |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.355  | 88   | 37608m   | 3.570 | ng    | Qvalue   |
| 24) Pentachlorophenol         | 16.750 | 266  | 148      | 0.254 | ng    | # 87     |
| 34) Bis(2-ethylhexyl)phtha... | 21.217 | 149  | 48872    | 0.601 | ng    | # 86     |
| -----                         |        |      |          |       |       |          |

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

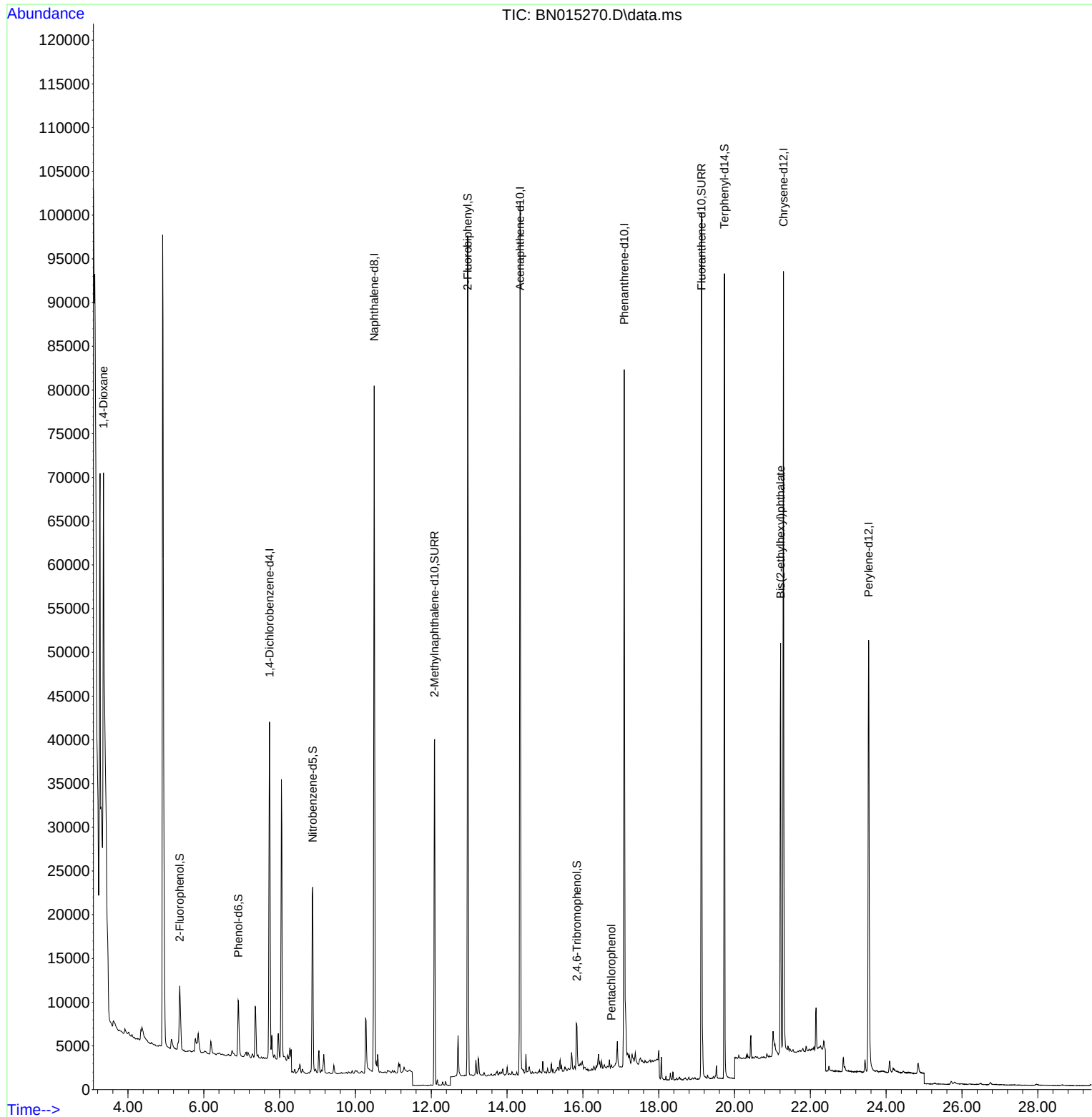
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Data File : BN015270.D  
Acq On : 01 Jul 2021 21:07  
Operator : CG/JU  
Sample : M2838-06  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

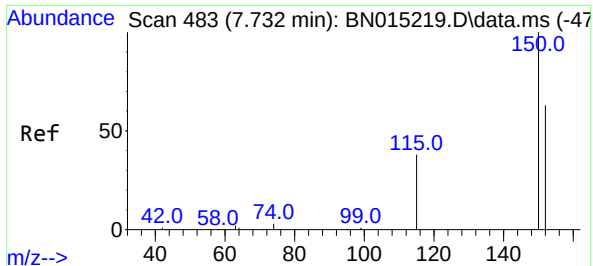
Instrument :  
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ClientSampleId :  
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Quant Time: Jul 02 01:00:32 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN063021.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jul 01 09:06:31 2021  
Response via : Initial Calibration





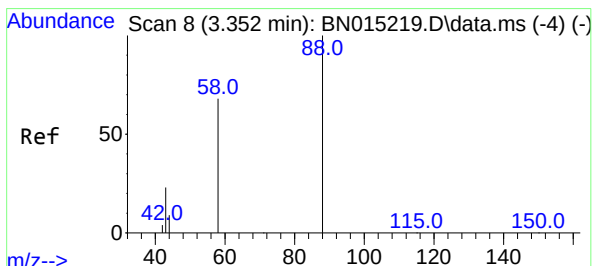
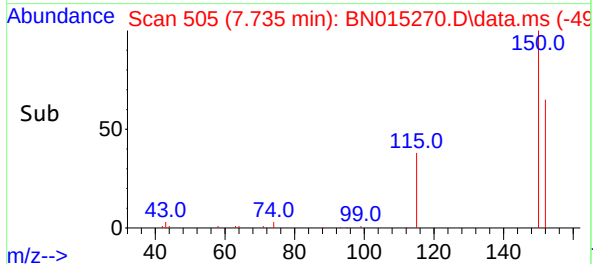
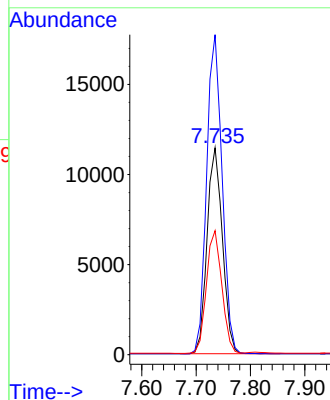
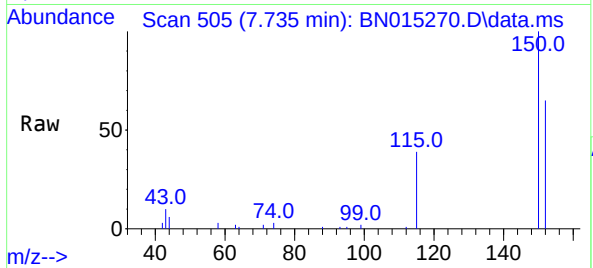
#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.735 min Scan# 505  
Delta R.T. 0.003 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

Tgt Ion: 152 Resp: 22469  
Ion Ratio Lower Upper  
152 100  
150 154.7 119.0 178.6  
115 59.9 62.2 93.4#

Instrument :  
BNA\_N  
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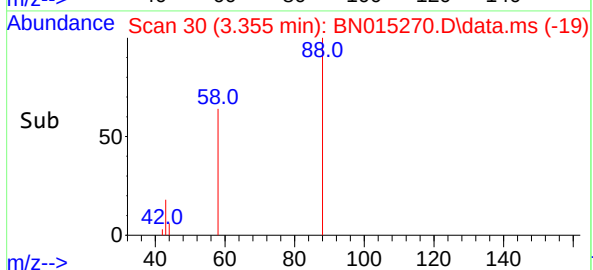
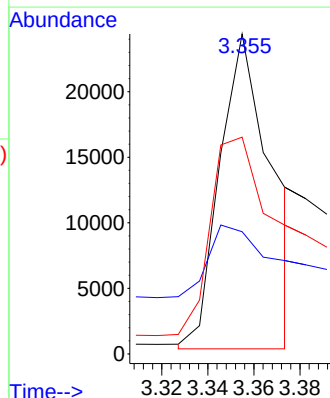
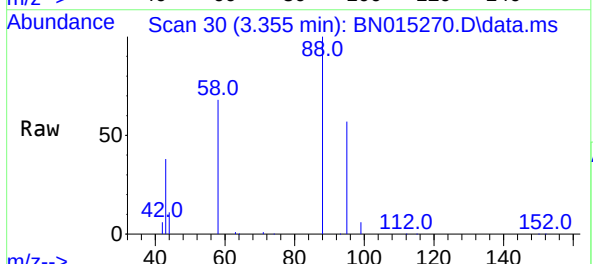
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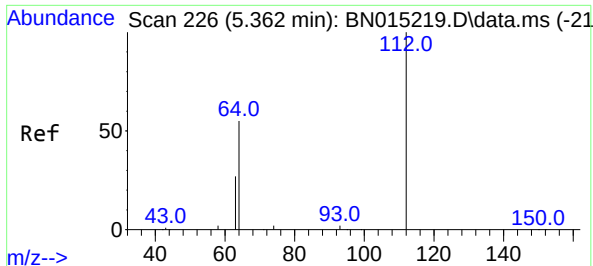
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#2  
1,4-Dioxane  
Concen: 3.570 ng m  
RT: 3.355 min Scan# 30  
Delta R.T. 0.003 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

Tgt Ion: 88 Resp: 37608  
Ion Ratio Lower Upper  
88 100  
43 46.6 12.9 19.3#  
58 143.5 38.1 57.1#





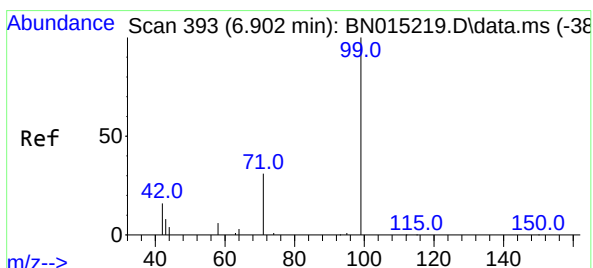
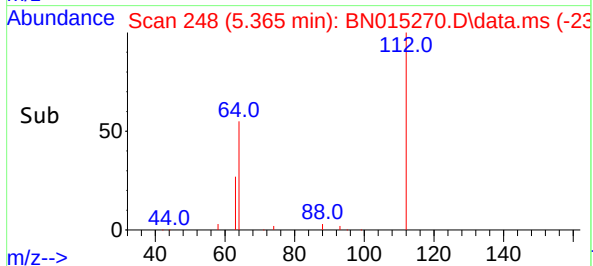
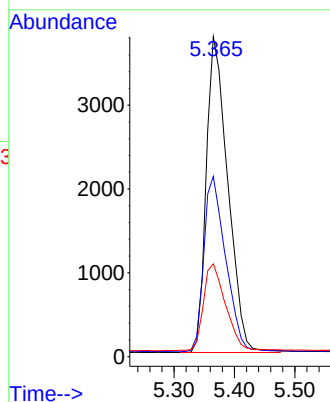
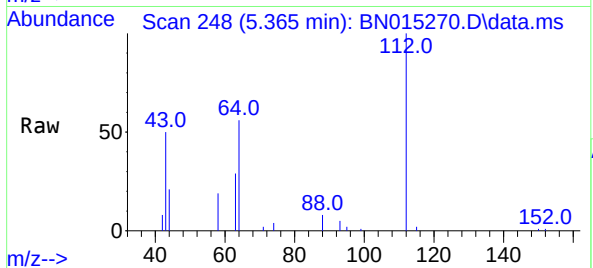
#4  
2-Fluorophenol  
Concen: 0.163 ng  
RT: 5.365 min Scan# 248  
Delta R.T. 0.003 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

Tgt Ion: 112 Resp: 9334  
Ion Ratio Lower Upper  
112 100  
64 56.0 39.0 58.6  
63 28.2 20.6 30.8

Instrument :  
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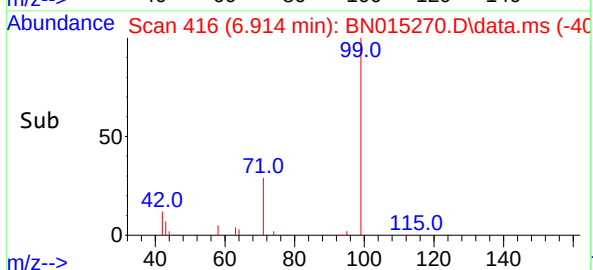
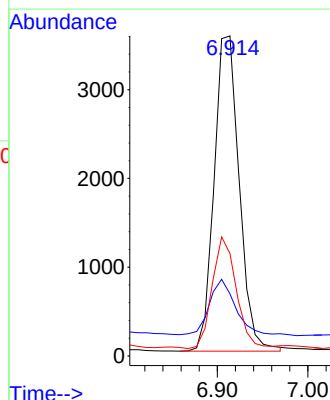
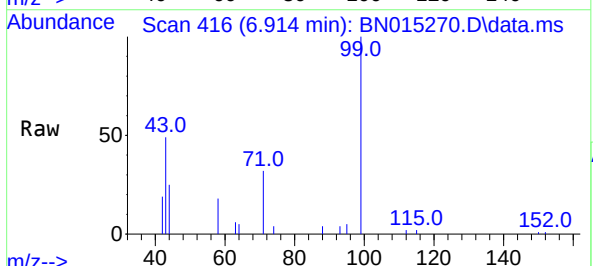
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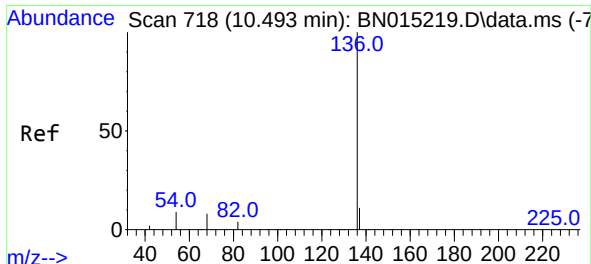
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#5  
Phenol-d6  
Concen: 0.095 ng  
RT: 6.914 min Scan# 416  
Delta R.T. 0.012 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

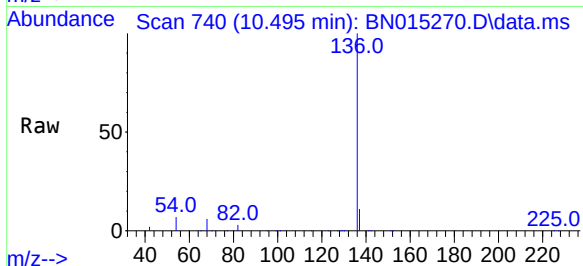
Tgt Ion: 99 Resp: 6834  
Ion Ratio Lower Upper  
99 100  
42 17.9 8.9 13.3#  
71 34.1 35.6 53.4#





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.495 min Scan# 740  
Delta R.T. 0.003 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

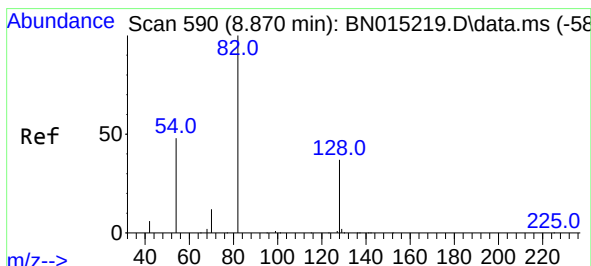
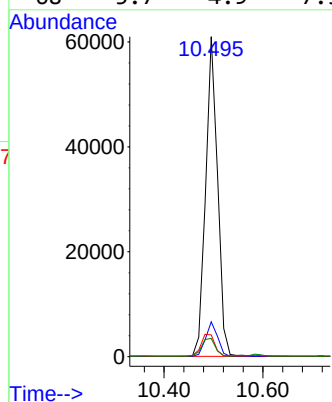
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ClientSampleId :  
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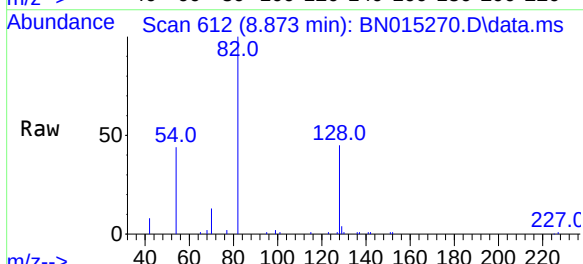
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 102558 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.9  | 9.8   | 14.8   |
| 54       | 6.8   | 5.4   | 8.2    |
| 68       | 5.7   | 4.9   | 7.3    |

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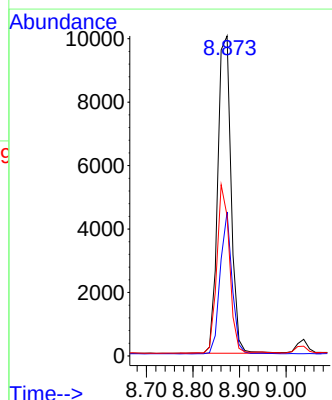
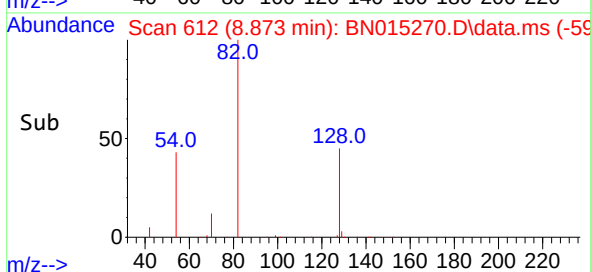
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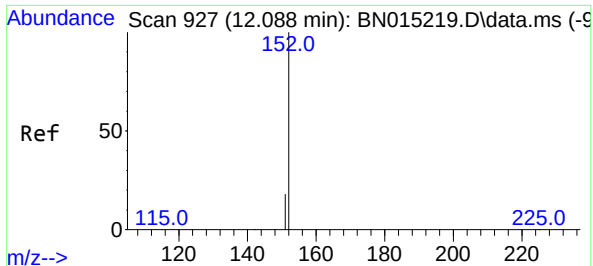


#8  
Nitrobenzene-d5  
Concen: 0.347 ng  
RT: 8.873 min Scan# 612  
Delta R.T. 0.003 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 19924 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 45.0  | 31.6  | 47.4  |
| 54       | 43.8  | 29.0  | 43.4  |





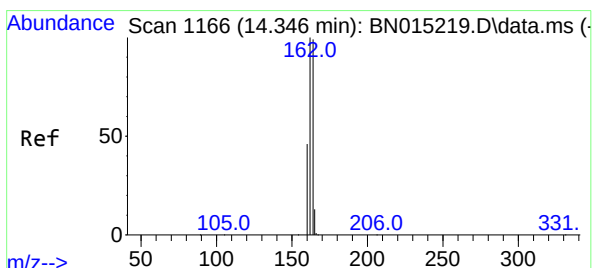
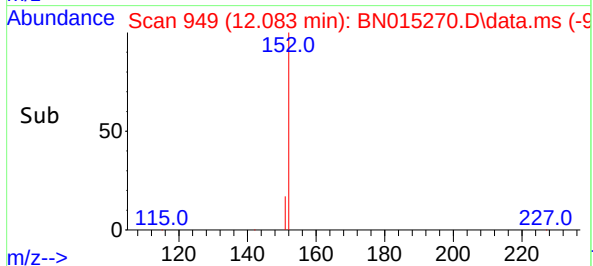
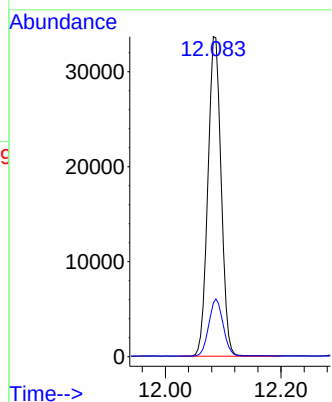
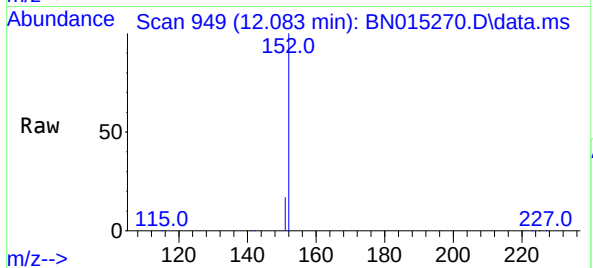
#11  
2-Methylnaphthalene-d10  
Concen: 0.316 ng  
RT: 12.083 min Scan# 949  
Delta R.T. -0.005 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

Instrument :  
BNA\_N  
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Tgt Ion:152 Resp: 53649  
Ion Ratio Lower Upper  
152 100  
151 19.3 16.7 25.1

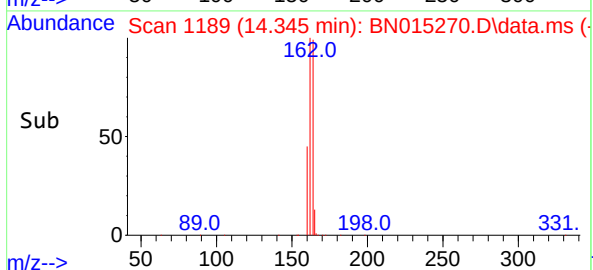
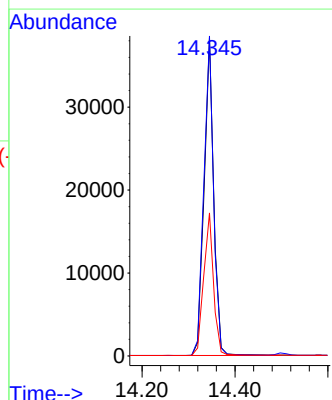
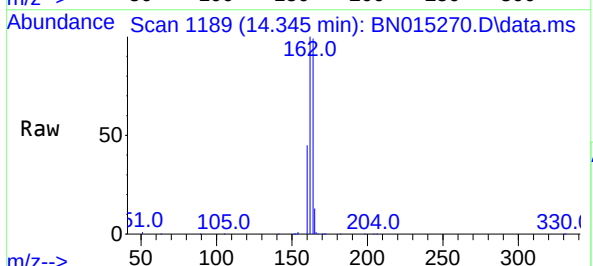
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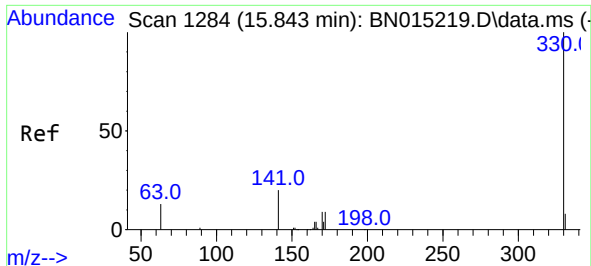
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#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1189  
Delta R.T. -0.001 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

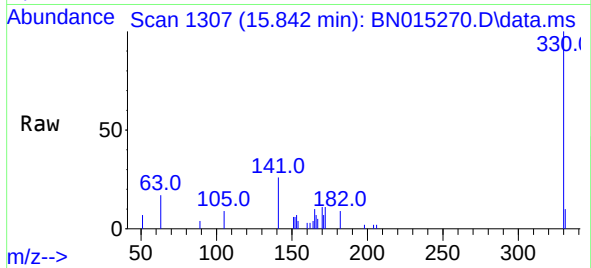
Tgt Ion:164 Resp: 55322  
Ion Ratio Lower Upper  
164 100  
162 100.5 83.8 125.6  
160 45.0 37.4 56.0





#14  
2,4,6-Tribromophenol  
Concen: 0.427 ng  
RT: 15.842 min Scan# 1307  
Delta R.T. -0.001 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

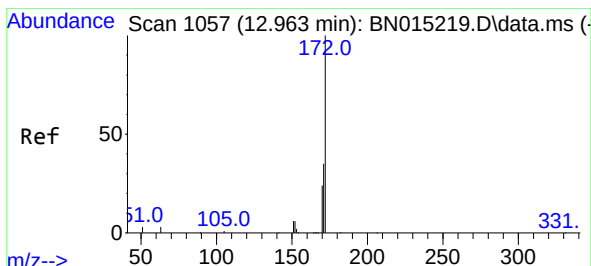
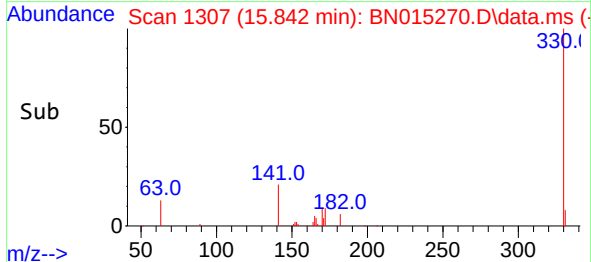
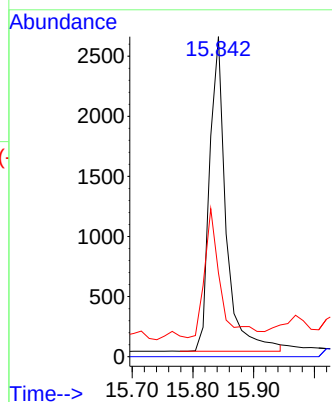
Instrument :  
BNA\_N  
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Tgt Ion:330 Resp: 4946  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 39.6 22.4 33.6#

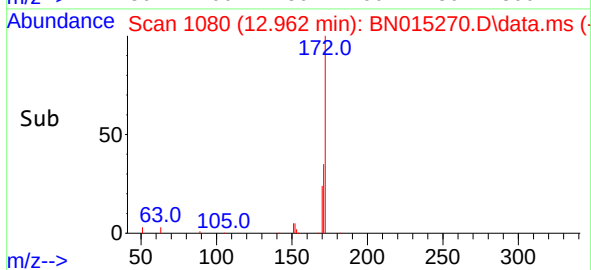
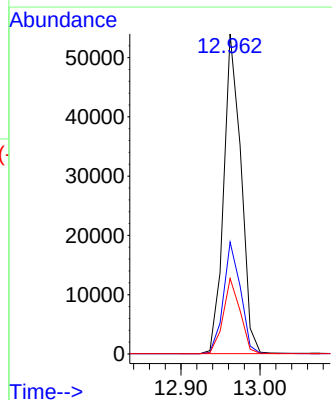
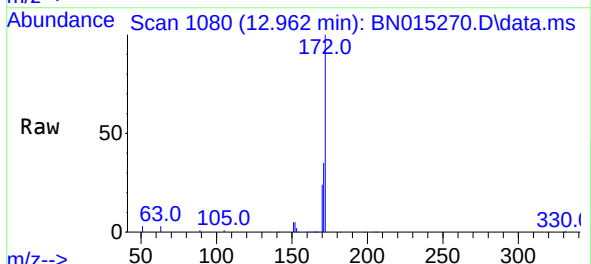
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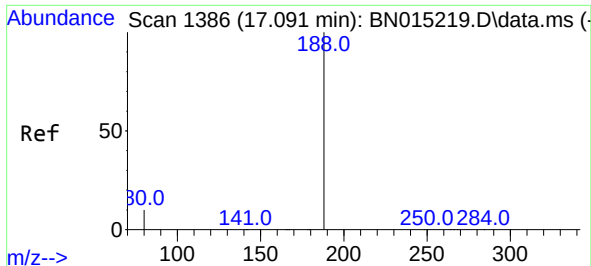
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#15  
2-Fluorobiphenyl  
Concen: 0.366 ng  
RT: 12.962 min Scan# 1080  
Delta R.T. -0.001 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

Tgt Ion:172 Resp: 82274  
Ion Ratio Lower Upper  
172 100  
171 34.9 30.6 45.8  
170 23.6 20.2 30.4





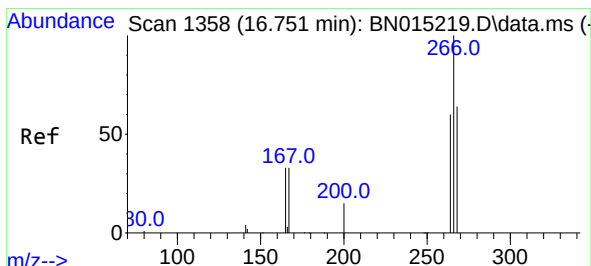
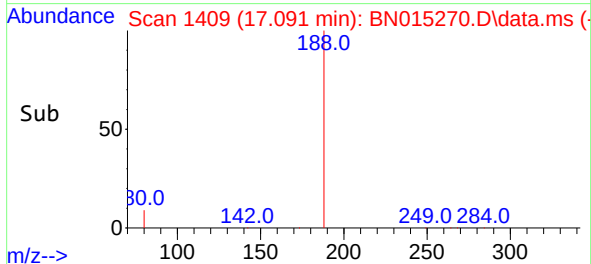
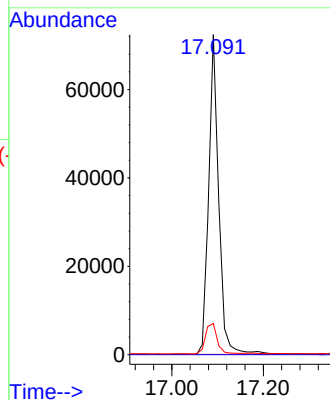
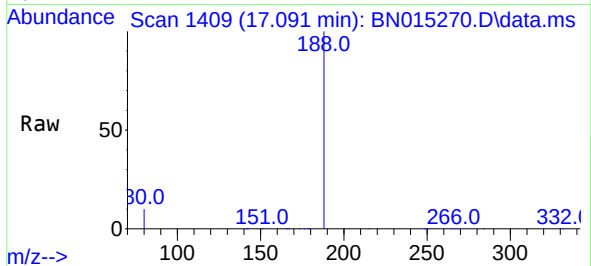
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Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.091 min Scan# 1409  
Delta R.T. -0.000 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

Tgt Ion:188 Resp: 110244  
Ion Ratio Lower Upper  
188 100  
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80 9.8 9.0 13.4

Instrument :  
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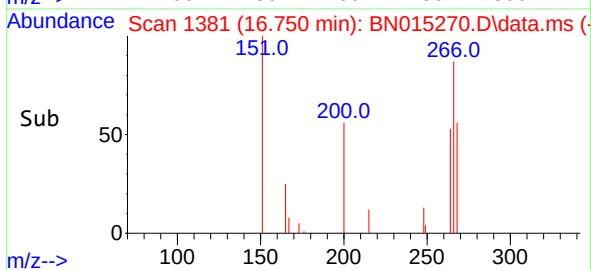
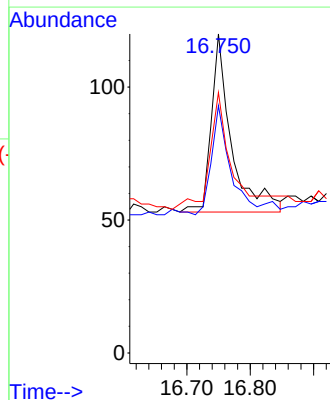
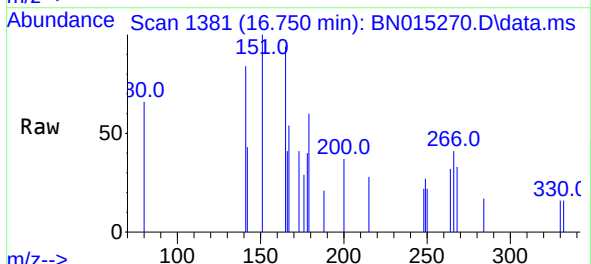
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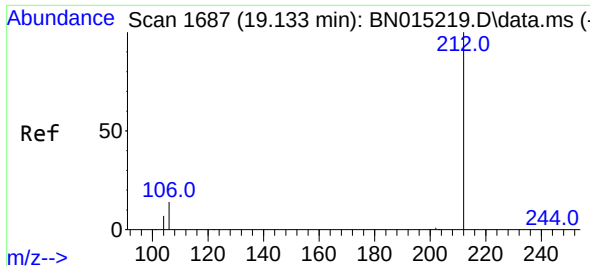


#24  
Pentachlorophenol  
Concen: 0.254 ng  
RT: 16.750 min Scan# 1381  
Delta R.T. -0.001 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

Tgt Ion:266 Resp: 148  
Ion Ratio Lower Upper  
266 100  
264 56.8 51.0 76.4  
268 77.0 50.6 76.0#

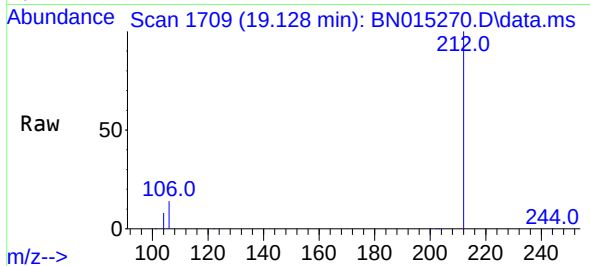






#27  
Fluoranthene-d10  
Concen: 0.341 ng  
RT: 19.128 min Scan# 1709  
Delta R.T. -0.005 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

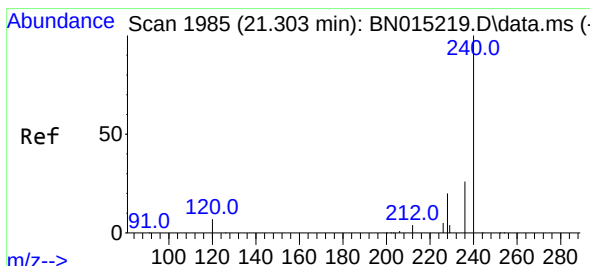
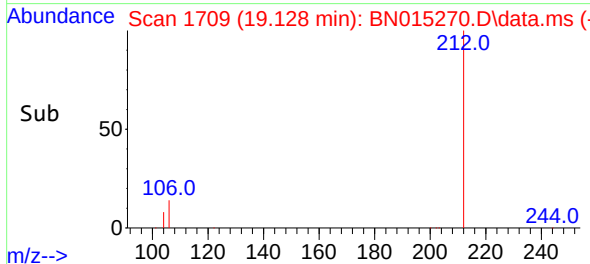
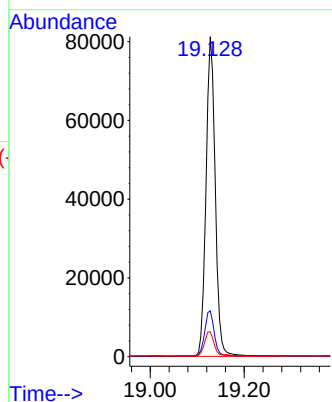
Instrument :  
BNA\_N  
ClientSampleId :  
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Tgt Ion:212 Resp: 111173  
Ion Ratio Lower Upper  
212 100  
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104 8.2 4.1 6.1#

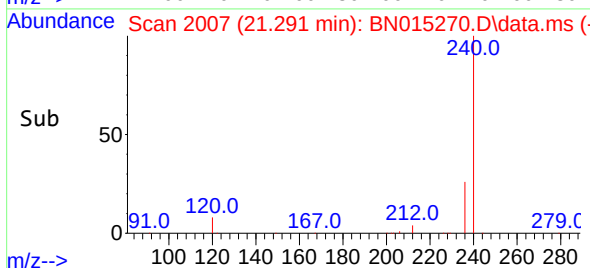
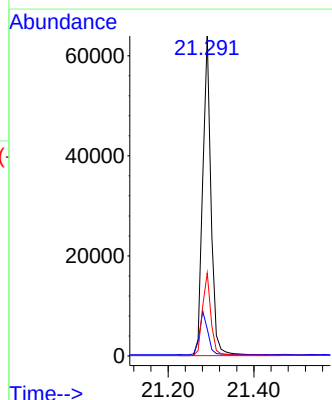
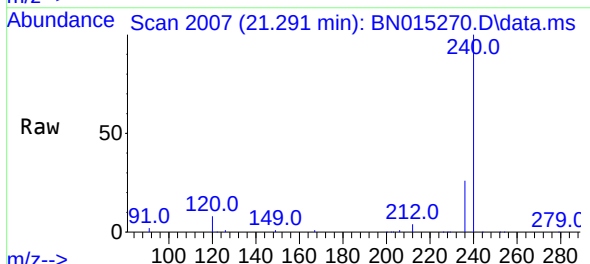
Manual Integrations  
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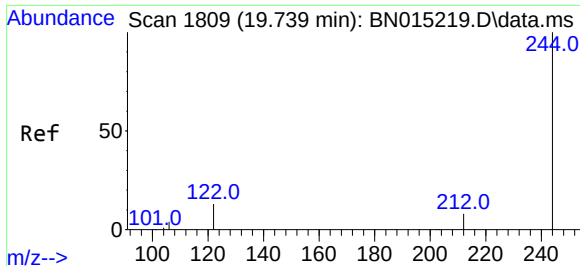
mohammad  
7/2/2021 10:38:56 AM



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.291 min Scan# 2007  
Delta R.T. -0.012 min  
Lab File: BN015270.D  
Acq: 01 Jul 2021 21:07

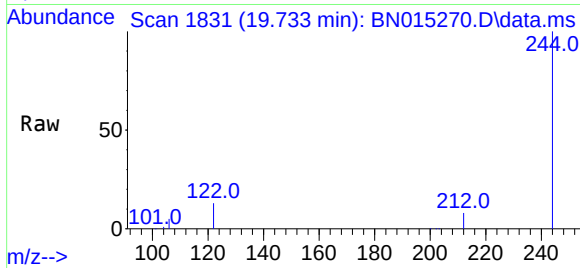
Tgt Ion:240 Resp: 86105  
Ion Ratio Lower Upper  
240 100  
120 8.5 4.2 6.4#  
236 26.0 21.4 32.2





#31  
 Terphenyl-d14  
 Concen: 0.459 ng  
 RT: 19.733 min Scan# 1831  
 Delta R.T. -0.006 min  
 Lab File: BN015270.D  
 Acq: 01 Jul 2021 21:07

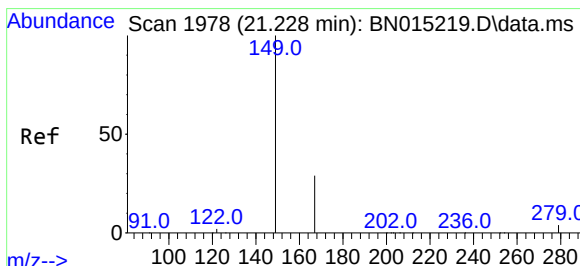
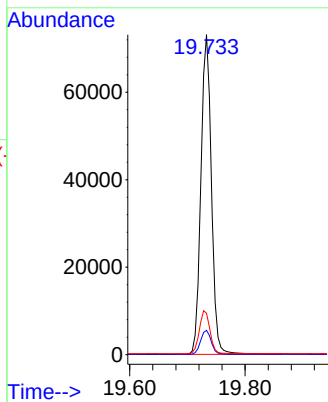
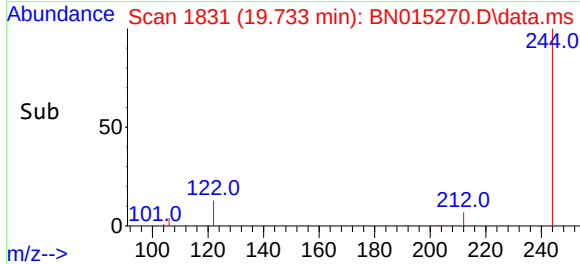
Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE109D2-20210622



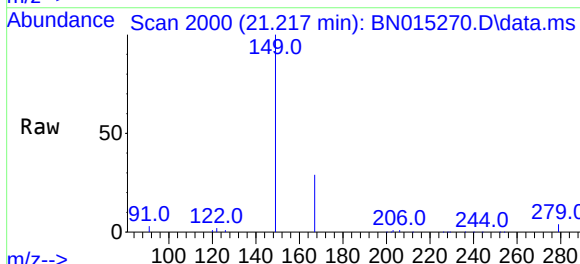
Tgt Ion:244 Resp: 92463  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.3 9.5  
 122 13.0 6.2 9.2#

Manual Integrations  
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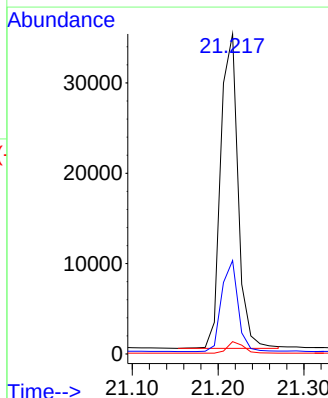
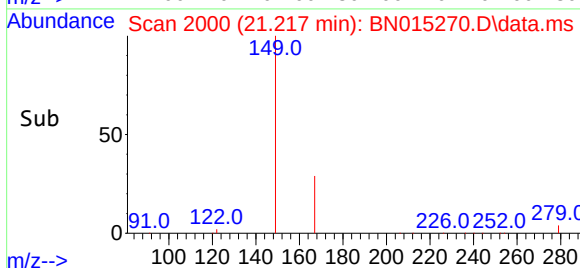
mohammad  
 7/2/2021 10:38:56 AM

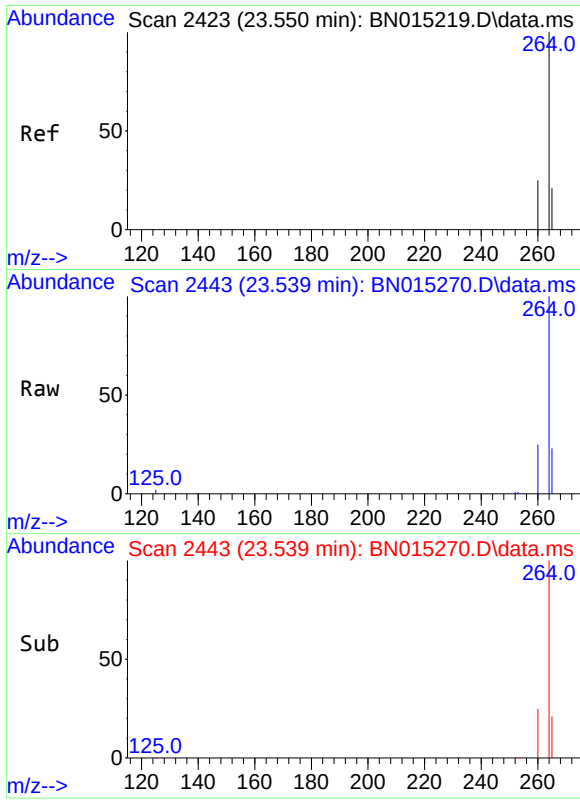


#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.601 ng  
 RT: 21.217 min Scan# 2000  
 Delta R.T. -0.011 min  
 Lab File: BN015270.D  
 Acq: 01 Jul 2021 21:07



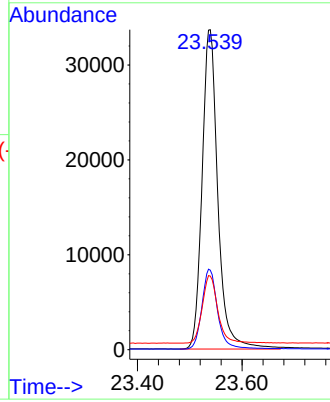
Tgt Ion:149 Resp: 48872  
 Ion Ratio Lower Upper  
 149 100  
 167 27.4 28.9 43.3#  
 279 3.4 4.9 7.3#





#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.539 min Scan# 2443  
 Delta R.T. -0.011 min  
 Lab File: BN015270.D  
 Acq: 01 Jul 2021 21:07

Tgt Ion:264 Resp: 70456  
 Ion Ratio Lower Upper  
 264 100  
 260 24.8 20.6 31.0  
 265 23.0 21.4 32.2



Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE109D2-20210622

Manual Integrations  
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