

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062921\  
 Data File : BN015213.D  
 Acq On : 30 Jun 2021 07:45  
 Operator : CG/JU  
 Sample : M2783-16  
 Misc :  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE132D2-20210618

Manual Integrations  
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Quant Time: Jun 30 08:37:56 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062921.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 29 19:13:09 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.731  | 152  | 17402    | 0.400 | ng    | # 0.00   |
| 7) Naphthalene-d8             | 10.492 | 136  | 79339    | 0.400 | ng    | #-0.01   |
| 13) Acenaphthene-d10          | 14.345 | 164  | 36163    | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.091 | 188  | 70465    | 0.400 | ng    | 0.00     |
| 29) Chrysene-d12              | 21.292 | 240  | 65421    | 0.400 | ng    | #-0.01   |
| 35) Perylene-d12              | 23.543 | 264  | 53926    | 0.400 | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.371  | 112  | 4184     | 0.111 | ng    | 0.03     |
| 5) Phenol-d6                  | 6.911  | 99   | 3902     | 0.068 | ng    | 0.00     |
| 8) Nitrobenzene-d5            | 8.870  | 82   | 27312    | 0.377 | ng    | 0.00     |
| 11) 2-Methylnaphthalene-d10   | 12.088 | 152  | 43213    | 0.332 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.843 | 330  | 2508     | 0.342 | ng    | 0.00     |
| 15) 2-Fluorobiphenyl          | 12.963 | 172  | 64606    | 0.426 | ng    | -0.01    |
| 27) Fluoranthene-d10          | 19.128 | 212  | 83741    | 0.391 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.734 | 244  | 73597    | 0.510 | ng    | -0.01    |
| Target Compounds              |        |      |          |       |       |          |
| 2) 1,4-Dioxane                | 3.361  | 88   | 32361m   | 6.407 | ng    | Qvalue   |
| 34) Bis(2-ethylhexyl)phtha... | 21.217 | 149  | 5939     | 0.308 | ng    | # 85     |
| -----                         |        |      |          |       |       |          |

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

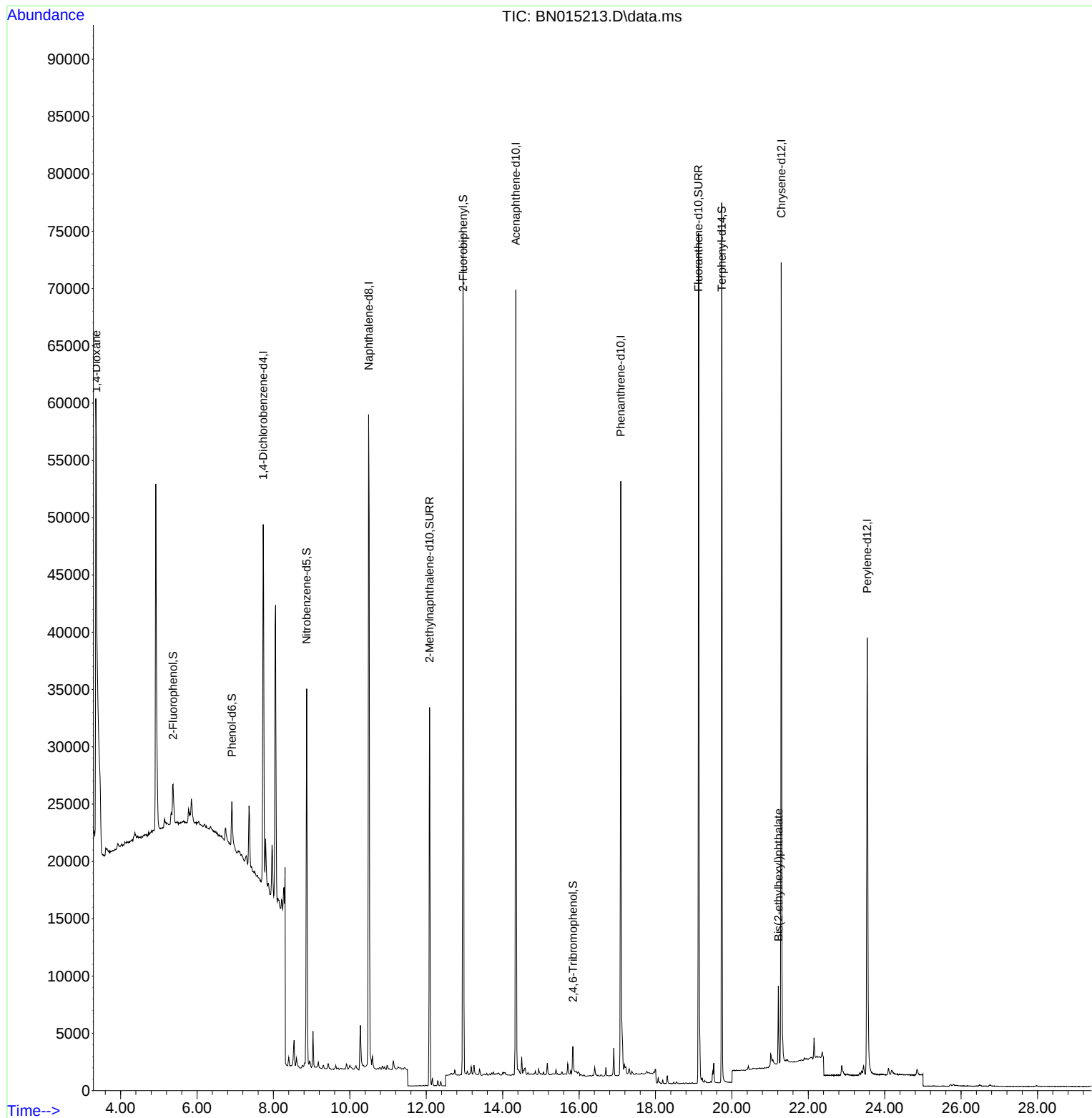
Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062921\  
Data File : BN015213.D  
Acq On : 30 Jun 2021 07:45  
Operator : CG/JU  
Sample : M2783-16  
Misc :  
ALS Vial : 29 Sample Multiplier: 1

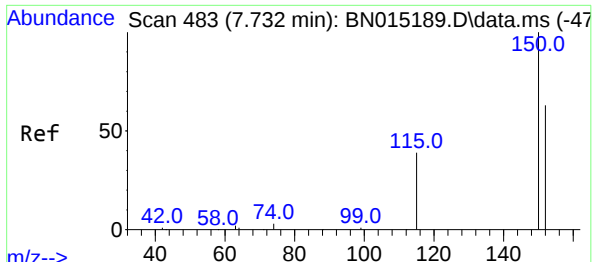
Instrument :  
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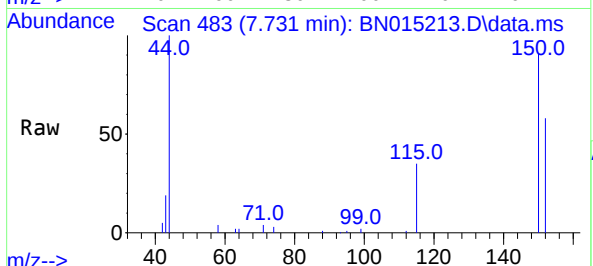
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Quant Time: Jun 30 08:37:56 2021  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062921.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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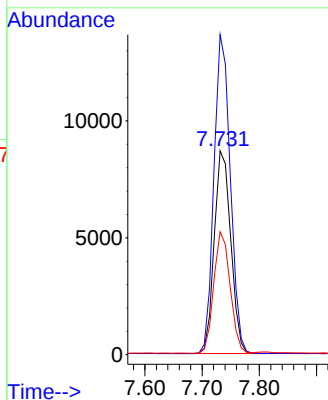
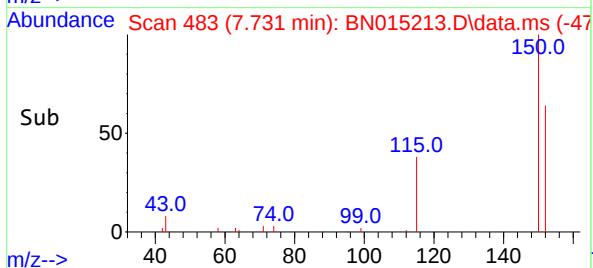




#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.731 min Scan# 483  
Delta R.T. -0.001 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45



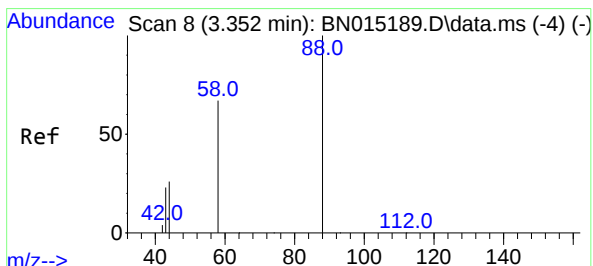
Tgt Ion:152 Resp: 17402  
Ion Ratio Lower Upper  
152 100  
150 157.0 119.0 178.6  
115 60.3 62.2 93.4#



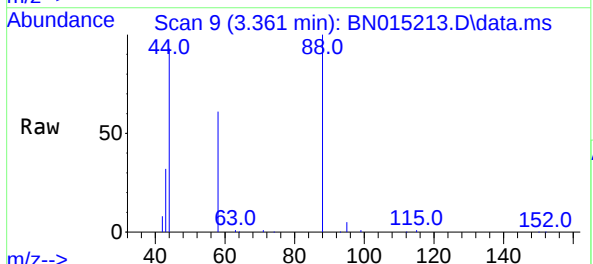
Instrument :  
BNA\_N  
ClientSampleId :  
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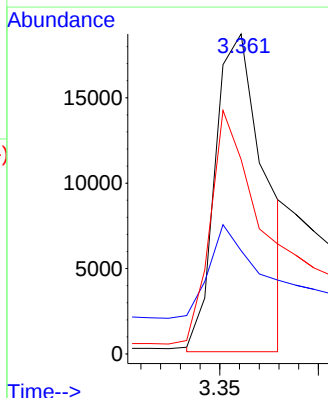
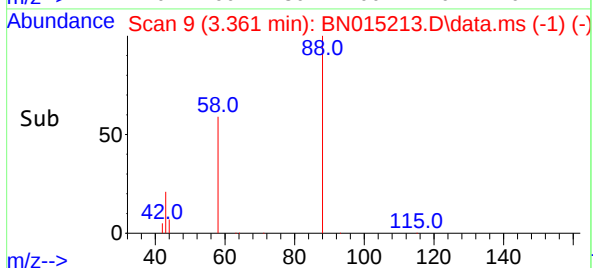
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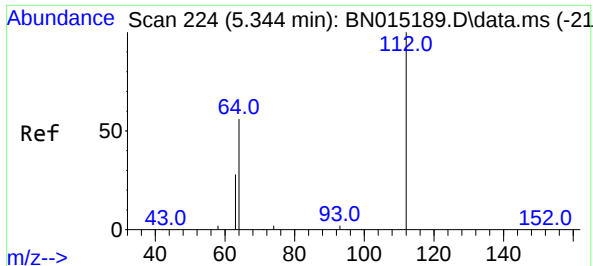


#2  
1,4-Dioxane  
Concen: 6.407 ng m  
RT: 3.361 min Scan# 9  
Delta R.T. 0.009 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45



Tgt Ion: 88 Resp: 32361  
Ion Ratio Lower Upper  
88 100  
43 47.4 12.9 19.3#  
58 122.3 38.1 57.1#





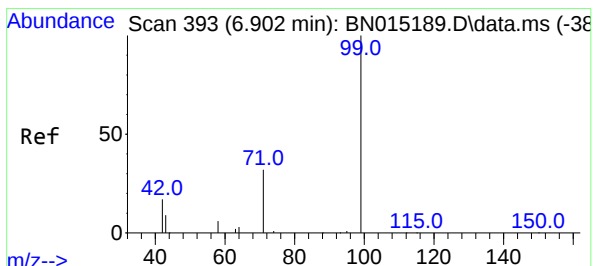
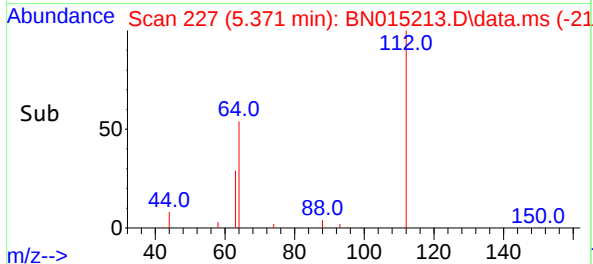
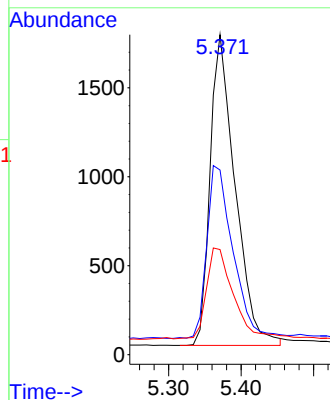
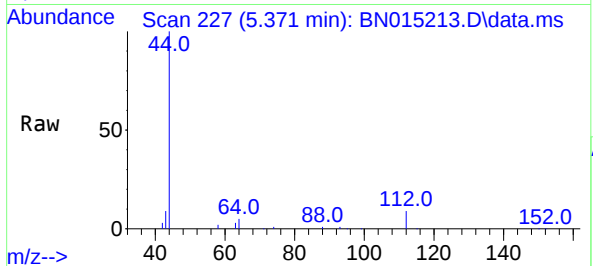
#4  
2-Fluorophenol  
Concen: 0.111 ng  
RT: 5.371 min Scan# 227  
Delta R.T. 0.027 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion: 112 Resp: 4184  
Ion Ratio Lower Upper  
112 100  
64 57.8 39.0 58.6  
63 31.2 20.6 30.8#

Instrument :  
BNA\_N  
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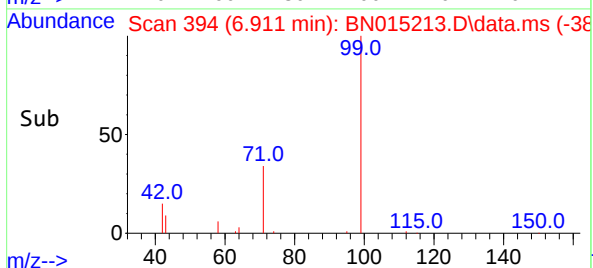
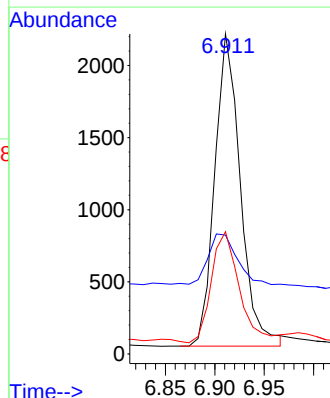
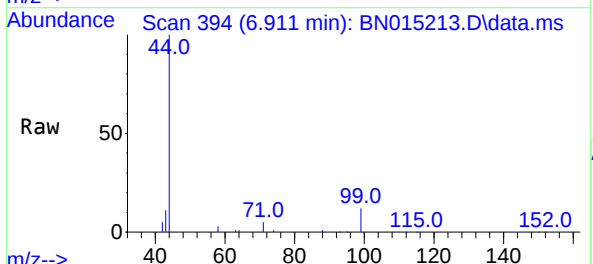
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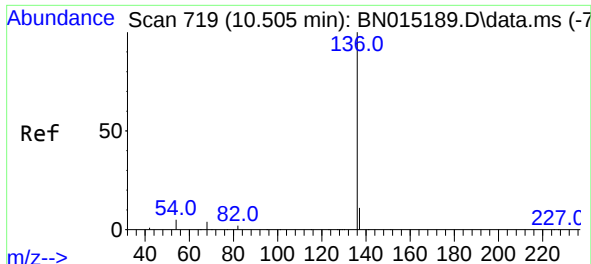
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#5  
Phenol-d6  
Concen: 0.068 ng  
RT: 6.911 min Scan# 394  
Delta R.T. 0.009 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

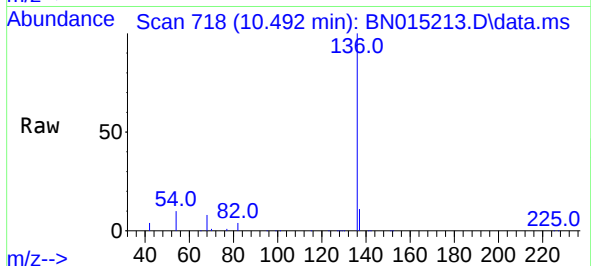
Tgt Ion: 99 Resp: 3902  
Ion Ratio Lower Upper  
99 100  
42 18.2 8.9 13.3#  
71 38.6 35.6 53.4





#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.492 min Scan# 718  
Delta R.T. -0.013 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

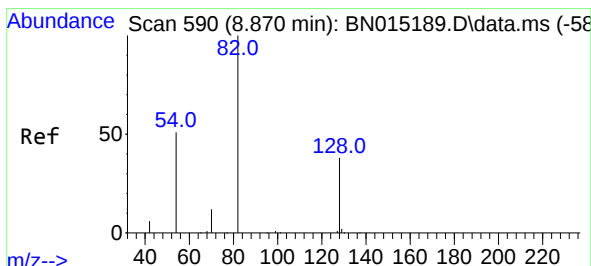
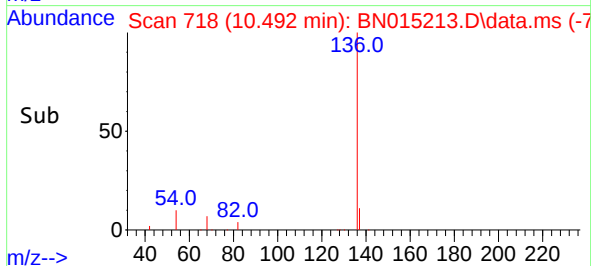
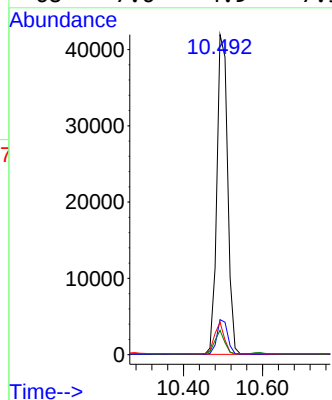
Instrument :  
BNA\_N  
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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 79339 |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 10.9  | 9.8   | 14.8  |
| 54       | 10.2  | 5.4   | 8.2#  |
| 68       | 7.6   | 4.9   | 7.3#  |

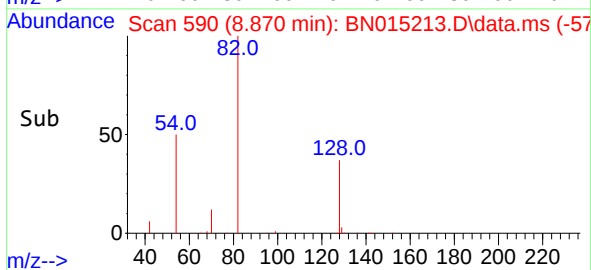
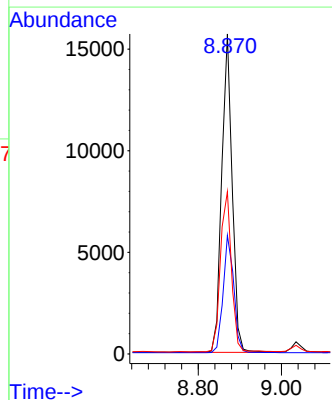
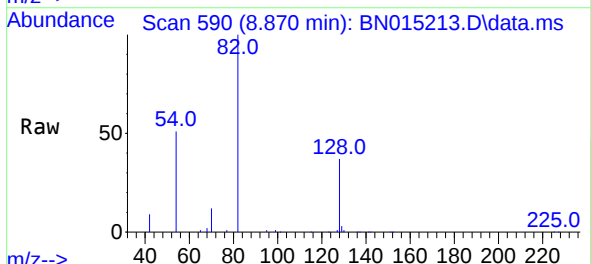
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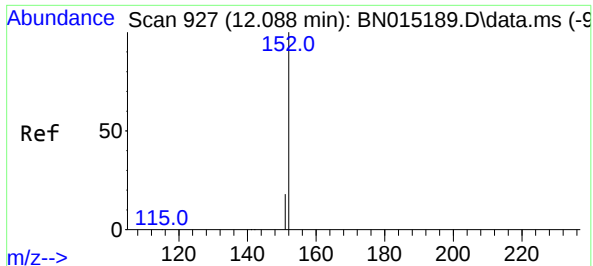
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#8  
Nitrobenzene-d5  
Concen: 0.377 ng  
RT: 8.870 min Scan# 590  
Delta R.T. -0.000 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 27312 |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 37.1  | 31.6  | 47.4  |
| 54       | 50.7  | 29.0  | 43.4# |





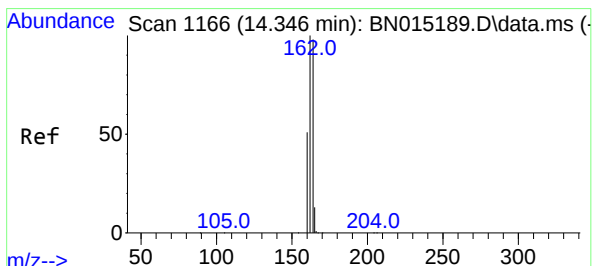
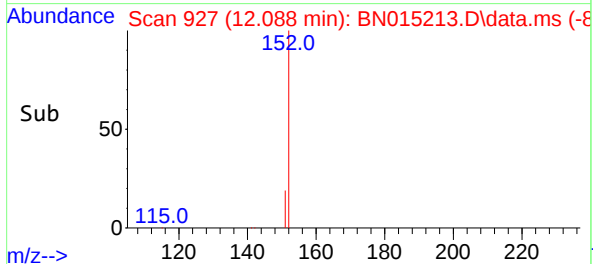
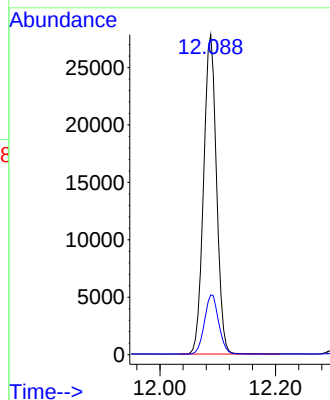
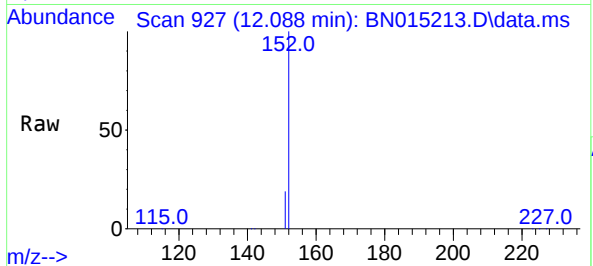
#11  
2-Methylnaphthalene-d10  
Concen: 0.332 ng  
RT: 12.088 min Scan# 927  
Delta R.T. -0.000 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion:152 Resp: 43213  
Ion Ratio Lower Upper  
152 100  
151 20.4 16.7 25.1

Instrument :  
BNA\_N  
ClientSampleId :  
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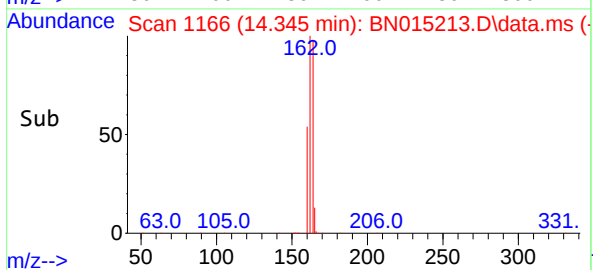
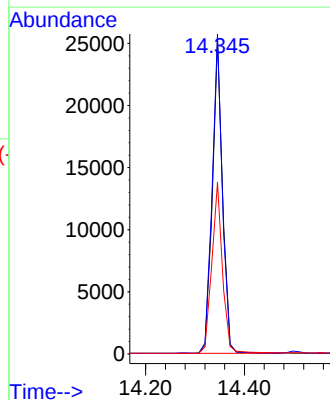
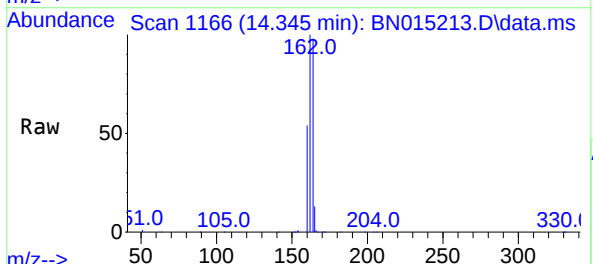
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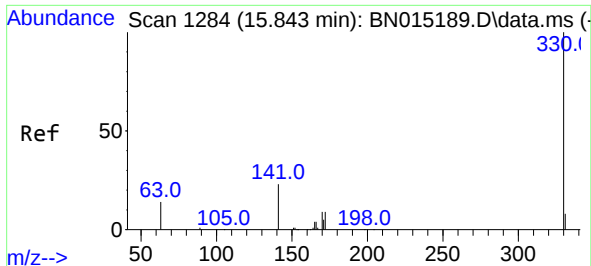
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#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.345 min Scan# 1166  
Delta R.T. -0.001 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

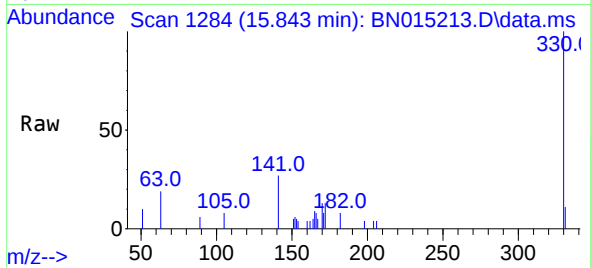
Tgt Ion:164 Resp: 36163  
Ion Ratio Lower Upper  
164 100  
162 101.8 83.8 125.6  
160 54.6 37.4 56.0





#14  
2,4,6-Tribromophenol  
Concen: 0.342 ng  
RT: 15.843 min Scan# 1284  
Delta R.T. -0.000 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

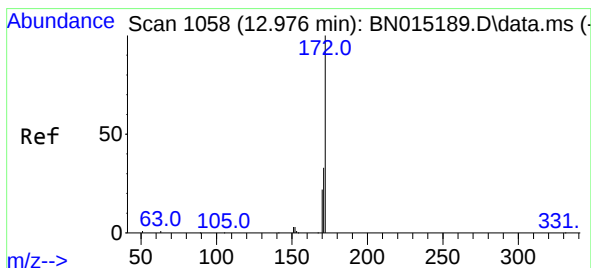
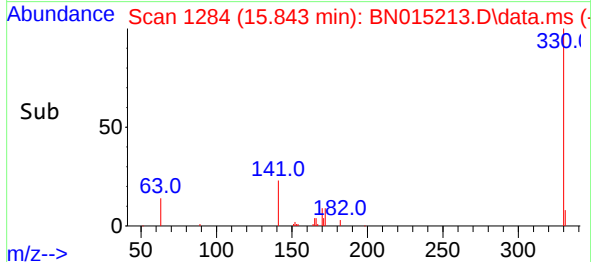
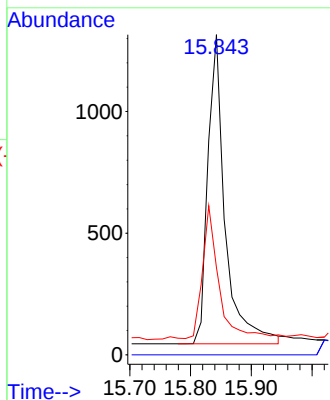
Instrument :  
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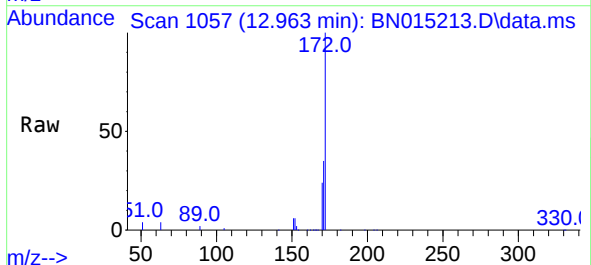
Tgt Ion:330 Resp: 2508  
Ion Ratio Lower Upper  
330 100  
332 0.0 0.0 0.0  
141 40.0 22.4 33.6#

Manual Integrations  
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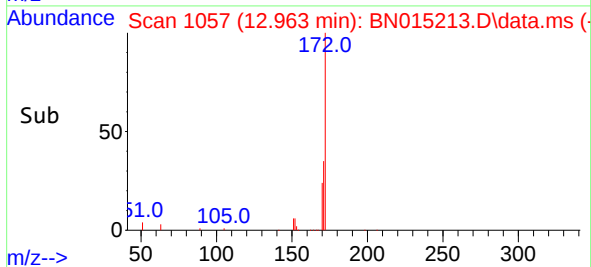
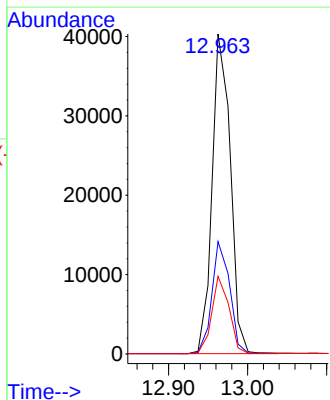
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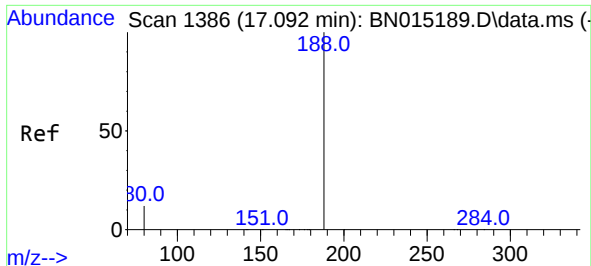


#15  
2-Fluorobiphenyl  
Concen: 0.426 ng  
RT: 12.963 min Scan# 1057  
Delta R.T. -0.013 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45



Tgt Ion:172 Resp: 64606  
Ion Ratio Lower Upper  
172 100  
171 35.1 30.6 45.8  
170 24.3 20.2 30.4





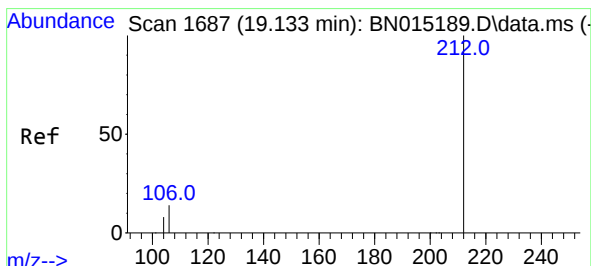
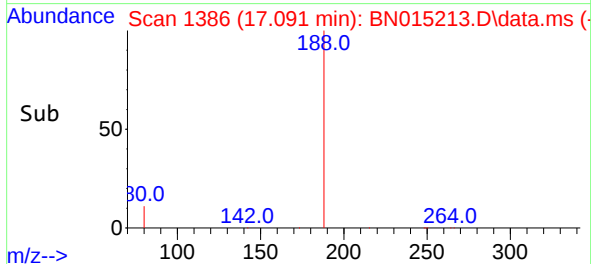
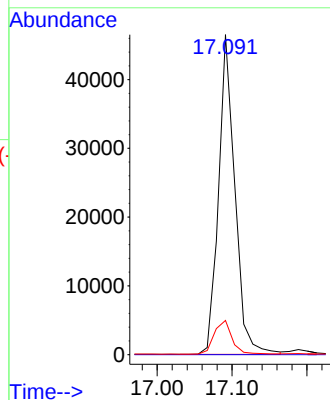
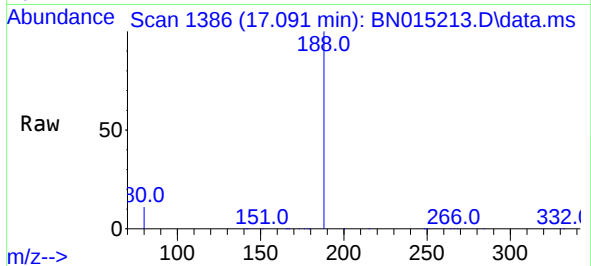
#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.091 min Scan# 1386  
Delta R.T. -0.001 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion:188 Resp: 70465  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 10.7 9.0 13.4

Instrument :  
BNA\_N  
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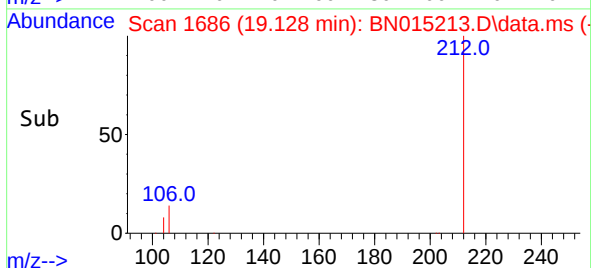
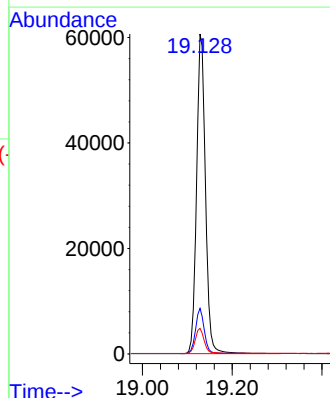
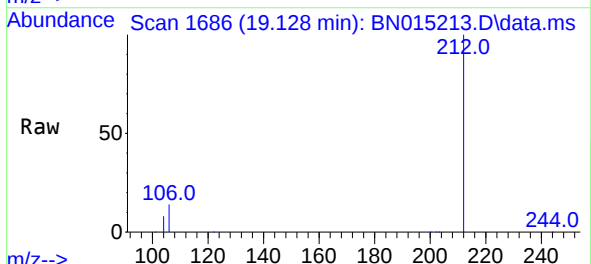
Manual Integrations  
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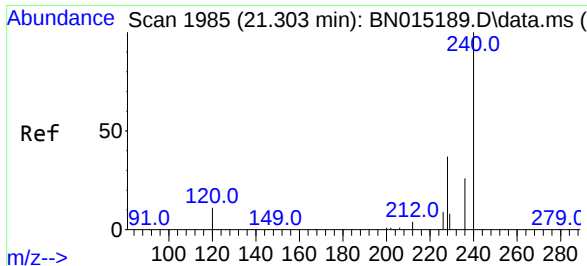
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#27  
Fluoranthene-d10  
Concen: 0.391 ng  
RT: 19.128 min Scan# 1686  
Delta R.T. -0.005 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion:212 Resp: 83741  
Ion Ratio Lower Upper  
212 100  
106 13.8 7.0 10.6#  
104 7.9 4.1 6.1#





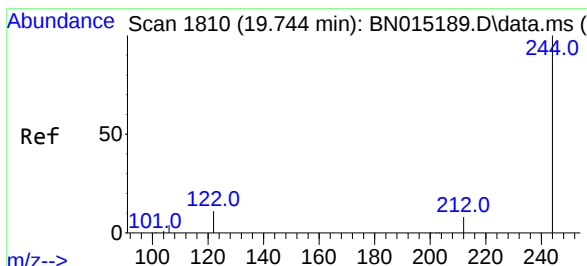
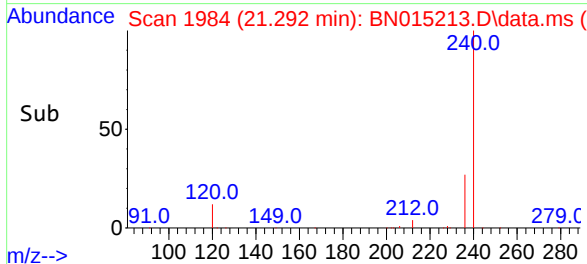
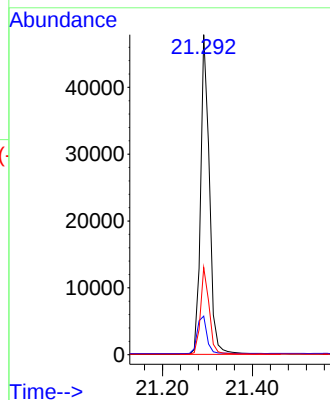
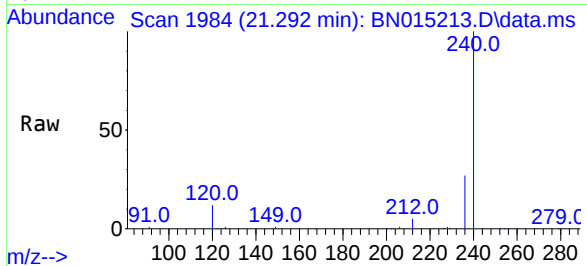
#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.292 min Scan# 1984  
Delta R.T. -0.011 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion:240 Resp: 65421  
Ion Ratio Lower Upper  
240 100  
120 12.0 4.2 6.4#  
236 27.3 21.4 32.2

Instrument :  
BNA\_N  
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RE132D2-20210618

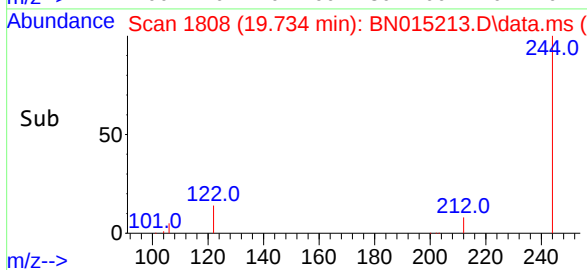
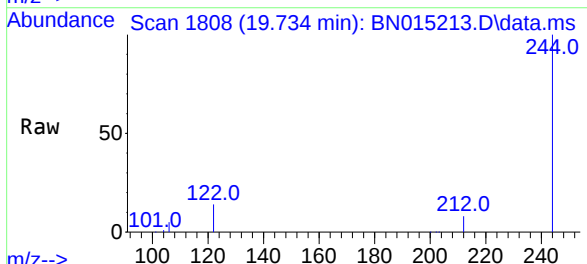
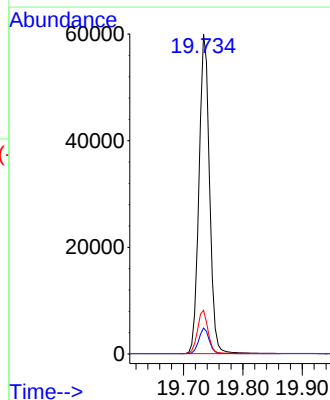
Manual Integrations  
APPROVED

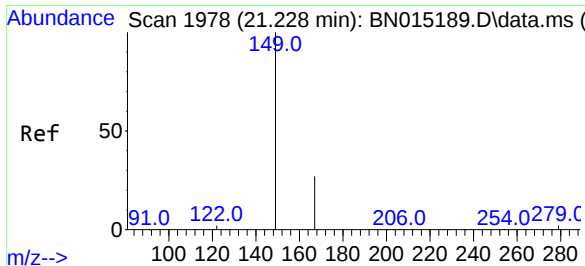
mohammad  
6/30/2021 2:15:29 PM



#31  
Terphenyl-d14  
Concen: 0.510 ng  
RT: 19.734 min Scan# 1808  
Delta R.T. -0.010 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion:244 Resp: 73597  
Ion Ratio Lower Upper  
244 100  
212 8.1 6.3 9.5  
122 13.7 6.2 9.2#





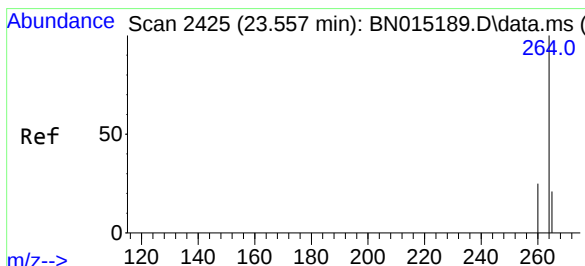
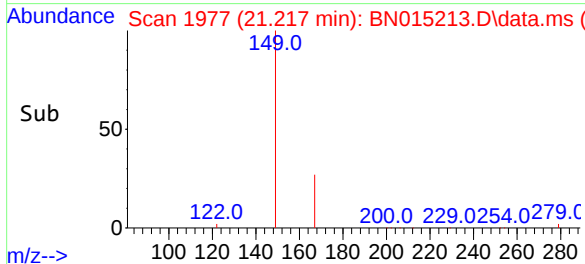
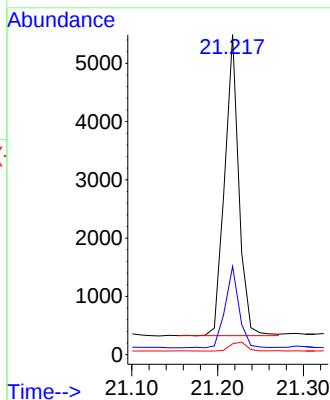
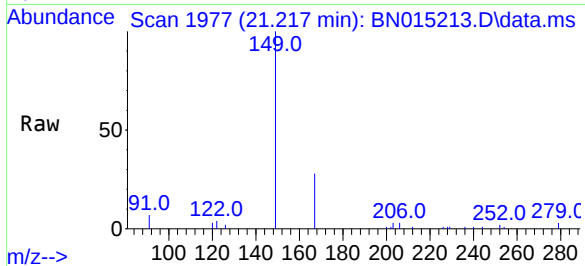
#34  
Bis(2-ethylhexyl)phthalate  
Concen: 0.308 ng  
RT: 21.217 min Scan# 1977  
Delta R.T. -0.011 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion:149 Resp: 5939  
Ion Ratio Lower Upper  
149 100  
167 26.4 28.9 43.3#  
279 3.4 4.9 7.3#

Instrument :  
BNA\_N  
ClientSampleId :  
RE132D2-20210618

Manual Integrations  
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#35  
Perylene-d12  
Concen: 0.400 ng  
RT: 23.543 min Scan# 2421  
Delta R.T. -0.014 min  
Lab File: BN015213.D  
Acq: 30 Jun 2021 07:45

Tgt Ion:264 Resp: 53926  
Ion Ratio Lower Upper  
264 100  
260 25.2 20.6 31.0  
265 23.8 21.4 32.2

