

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062822\  
 Data File : BN020538.D  
 Acq On : 28 Jun 2022 17:45  
 Operator : CG/JU  
 Sample : N3484-02  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20220623

Quant Time: Jun 29 00:18:48 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jun 27 02:03:21 2022  
 Response via : Initial Calibration

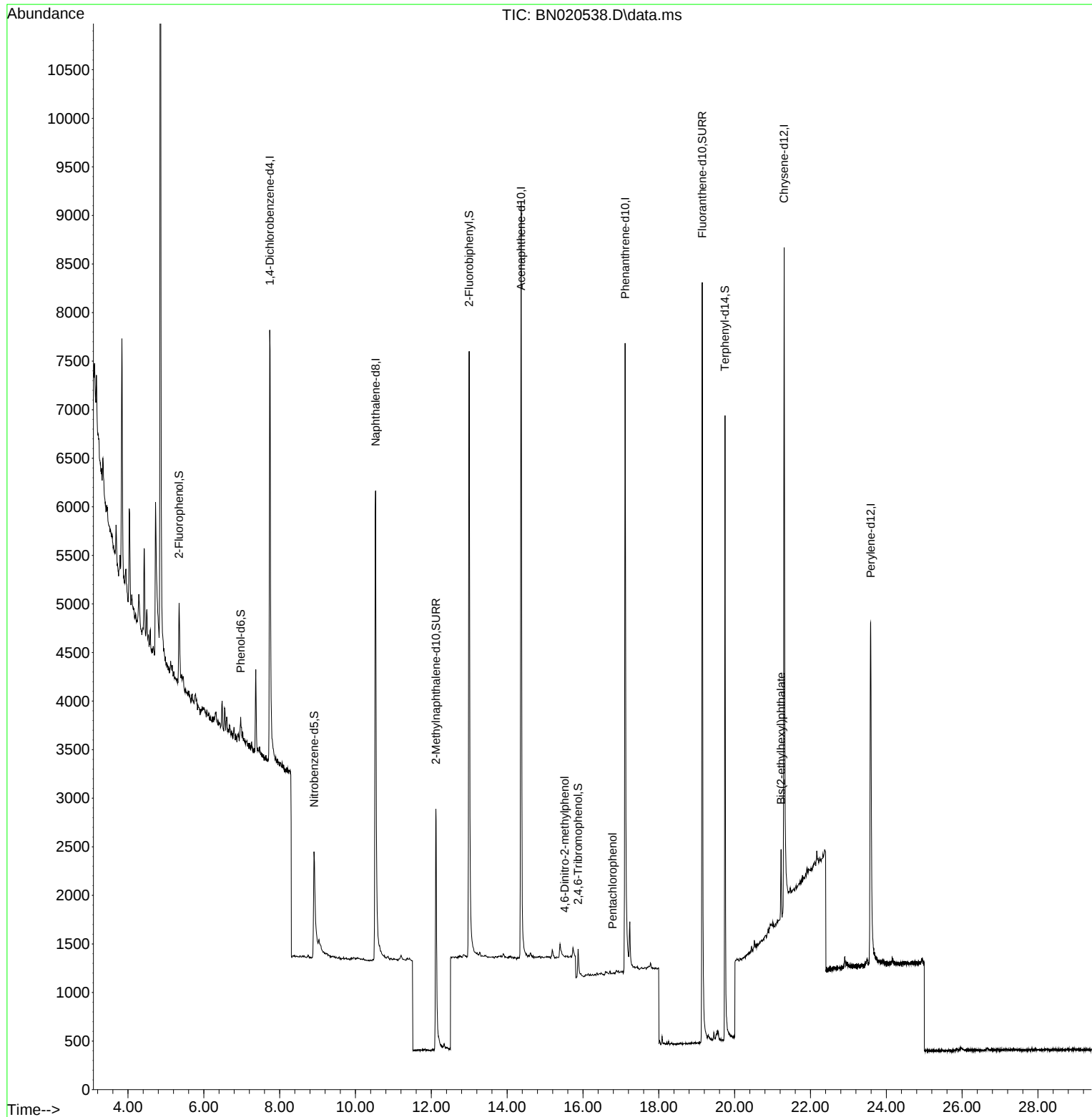
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| Internal Standards            |        |      |          |       |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.739  | 152  | 3052     | 0.400 | ng    | 0.00     |
| 7) Naphthalene-d8             | 10.530 | 136  | 8970     | 0.400 | ng    | # 0.01   |
| 13) Acenaphthene-d10          | 14.367 | 164  | 5177     | 0.400 | ng    | 0.00     |
| 19) Phenanthrene-d10          | 17.113 | 188  | 10727    | 0.400 | ng    | # 0.00   |
| 29) Chrysene-d12              | 21.306 | 240  | 8074     | 0.400 | ng    | # 0.00   |
| 35) Perylene-d12              | 23.589 | 264  | 5950     | 0.400 | ng    | #-0.01   |
|                               |        |      |          |       |       |          |
| System Monitoring Compounds   |        |      |          |       |       |          |
| 4) 2-Fluorophenol             | 5.348  | 112  | 921      | 0.109 | ng    | 0.00     |
| 5) Phenol-d6                  | 6.973  | 99   | 448      | 0.044 | ng    | 0.03     |
| 8) Nitrobenzene-d5            | 8.907  | 82   | 1875     | 0.258 | ng    | 0.01     |
| 11) 2-Methylnaphthalene-d10   | 12.121 | 152  | 4741     | 0.308 | ng    | 0.00     |
| 14) 2,4,6-Tribromophenol      | 15.872 | 330  | 198      | 0.102 | ng    | 0.01     |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 6690     | 0.313 | ng    | 0.00     |
| 27) Fluoranthene-d10          | 19.147 | 212  | 10538    | 0.331 | ng    | 0.00     |
| 31) Terphenyl-d14             | 19.746 | 244  | 7893     | 0.409 | ng    | 0.00     |
|                               |        |      |          |       |       |          |
| Target Compounds              |        |      |          |       |       | Qvalue   |
| 20) 4,6-Dinitro-2-methylph... | 15.521 | 198  | 3        | 0.227 | ng    | # 1      |
| 24) Pentachlorophenol         | 16.784 | 266  | 7        | 0.187 | ng    | # 19     |
| 34) Bis(2-ethylhexyl)phtha... | 21.225 | 149  | 745      | 0.046 | ng    | # 98     |
| -----                         |        |      |          |       |       |          |

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

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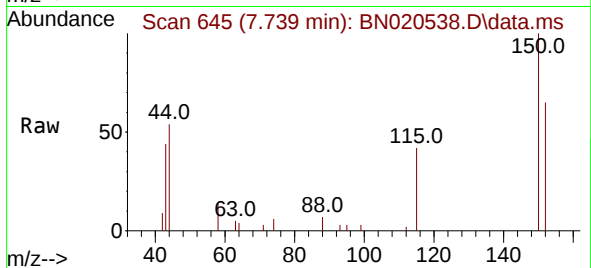
Quant Time: Jun 29 00:18:48 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
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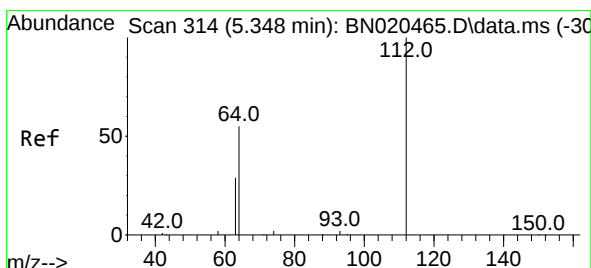
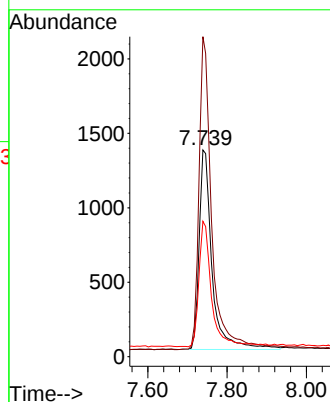
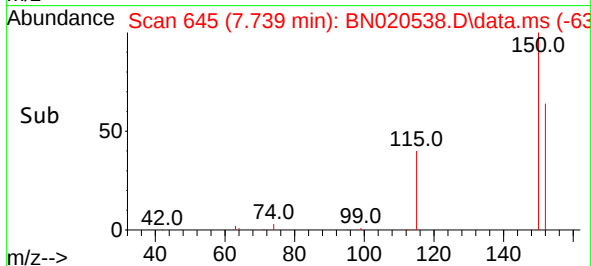


#1  
1,4-Dichlorobenzene-d4  
Concen: 0.400 ng  
RT: 7.739 min Scan# 645  
Delta R.T. -0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

Instrument :  
BNA\_N  
ClientSampleId :  
SP-201-20220623

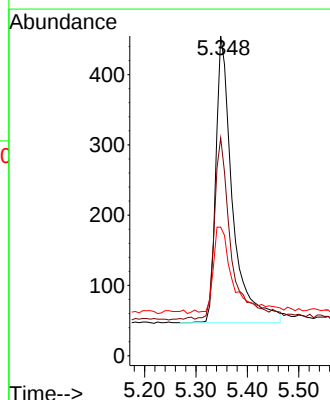
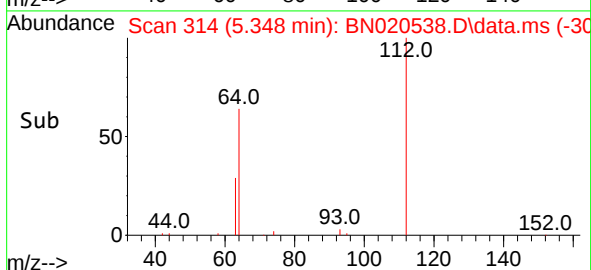
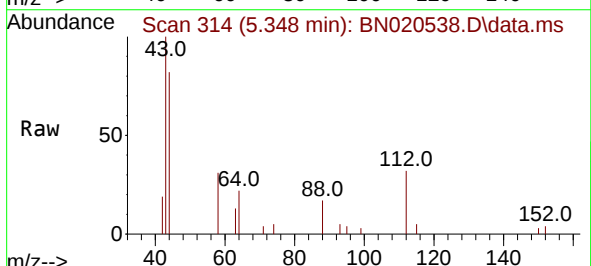


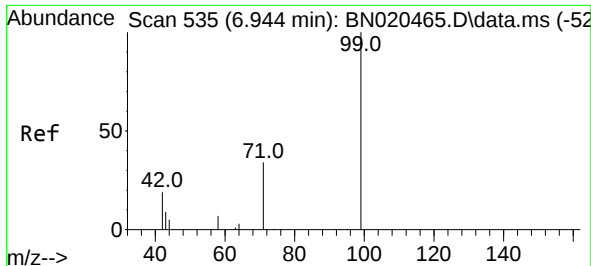
Tgt Ion:152 Resp: 3052  
Ion Ratio Lower Upper  
152 100  
150 154.8 127.9 191.9  
115 65.5 51.4 77.2



#4  
2-Fluorophenol  
Concen: 0.109 ng  
RT: 5.348 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

Tgt Ion:112 Resp: 921  
Ion Ratio Lower Upper  
112 100  
64 61.5 49.1 73.7  
63 34.7 26.3 39.5

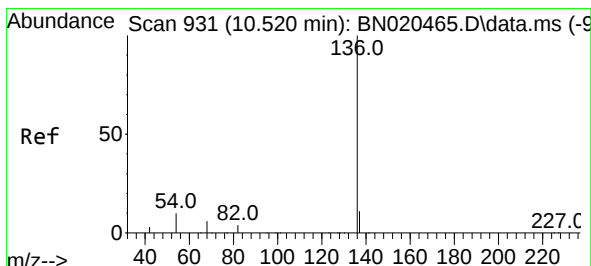
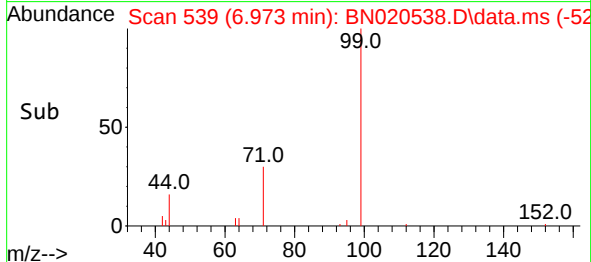
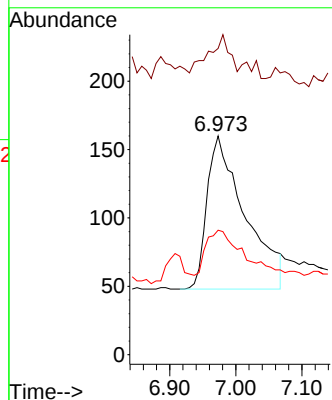
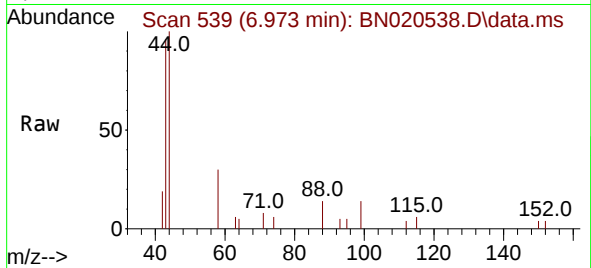




#5  
Phenol-d6  
Concen: 0.044 ng  
RT: 6.973 min Scan# 51  
Delta R.T. 0.029 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

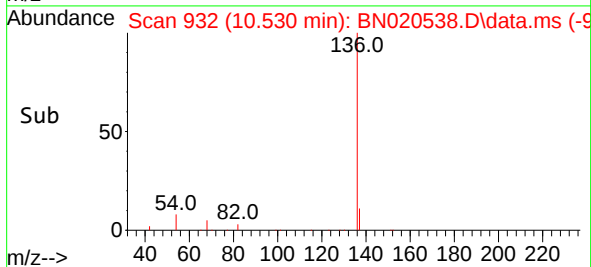
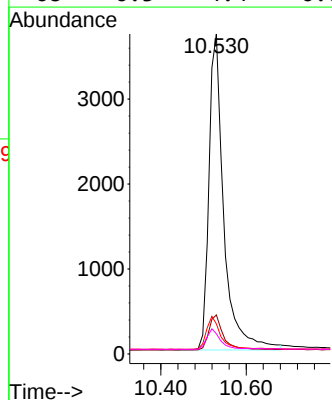
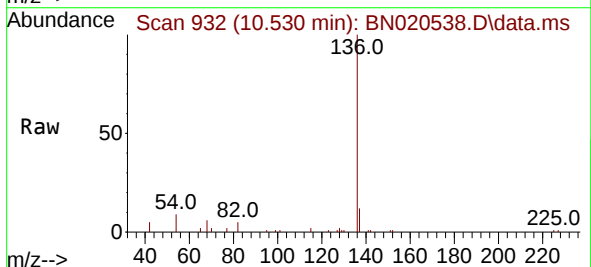
Instrument :  
BNA\_N  
ClientSampleId :  
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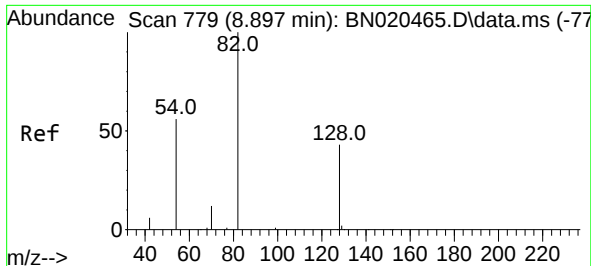
Tgt Ion: 99 Resp: 448  
Ion Ratio Lower Upper  
99 100  
42 13.4 19.3 28.9#  
71 30.1 27.5 41.3



#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 932  
Delta R.T. 0.011 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

Tgt Ion: 136 Resp: 8970  
Ion Ratio Lower Upper  
136 100  
137 12.2 9.0 13.6  
54 9.4 6.2 9.2#  
68 6.3 4.4 6.6

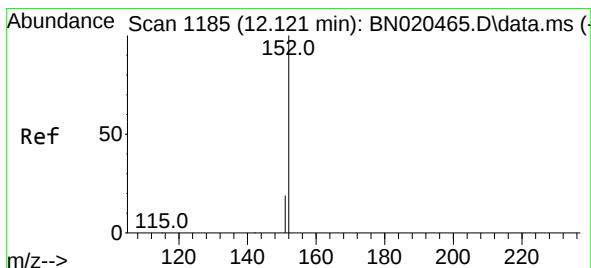
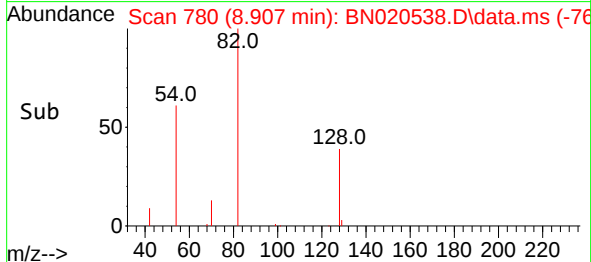
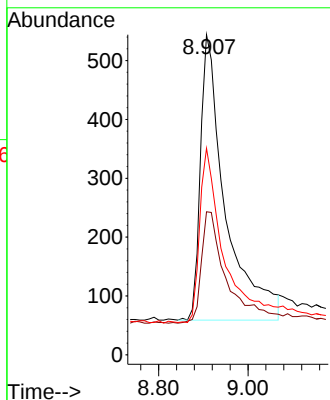
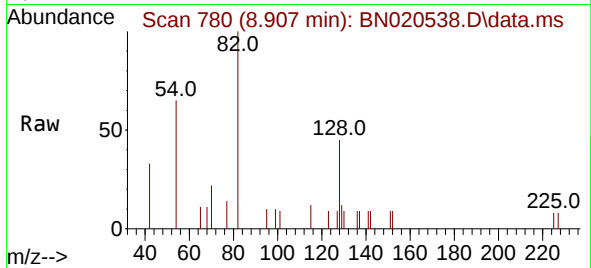




#8  
 Nitrobenzene-d5  
 Concen: 0.258 ng  
 RT: 8.907 min Scan# 779  
 Delta R.T. 0.011 min  
 Lab File: BN020538.D  
 Acq: 28 Jun 2022 17:45

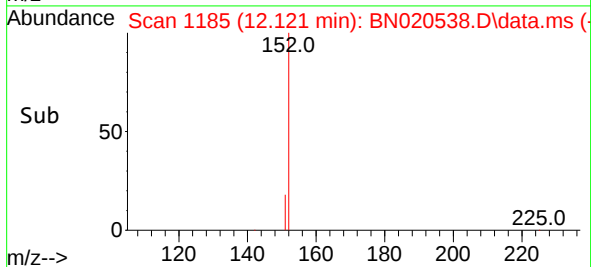
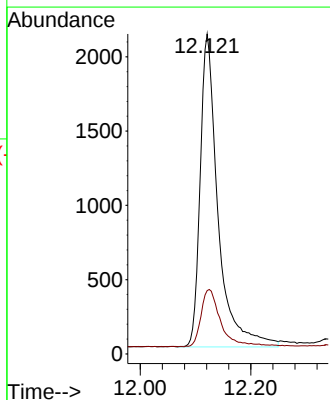
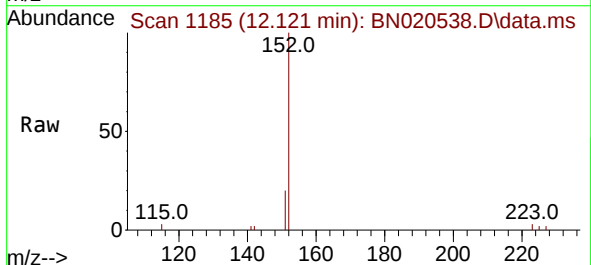
Instrument :  
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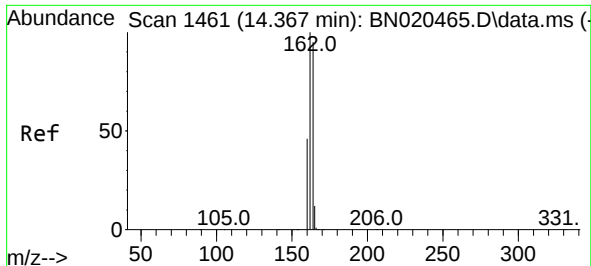
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1875  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.7  | 35.0  | 52.6  |
| 54       | 64.5  | 46.2  | 69.4  |



#11  
 2-Methylnaphthalene-d10  
 Concen: 0.308 ng  
 RT: 12.121 min Scan# 1185  
 Delta R.T. -0.000 min  
 Lab File: BN020538.D  
 Acq: 28 Jun 2022 17:45

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 152   | Resp: | 4741  |
| Ion      | Ratio | Lower | Upper |
| 152      | 100   |       |       |
| 151      | 20.1  | 16.2  | 24.4  |

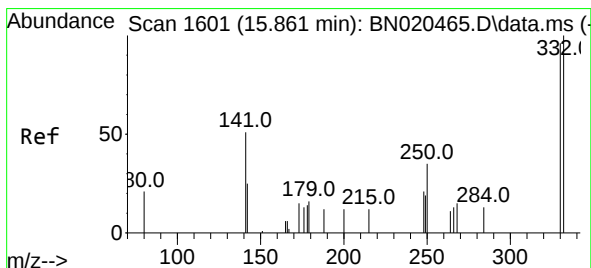
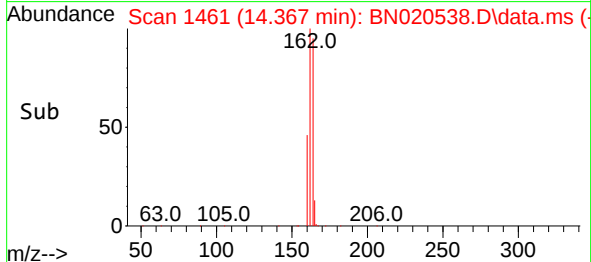
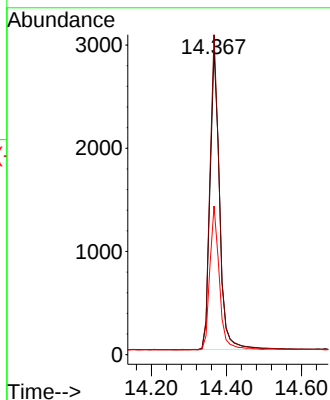
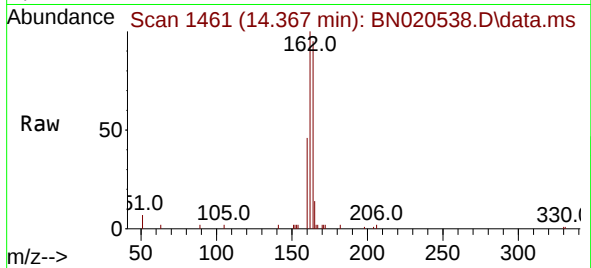




#13  
Acenaphthene-d10  
Concen: 0.400 ng  
RT: 14.367 min Scan# 14  
Delta R.T. -0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

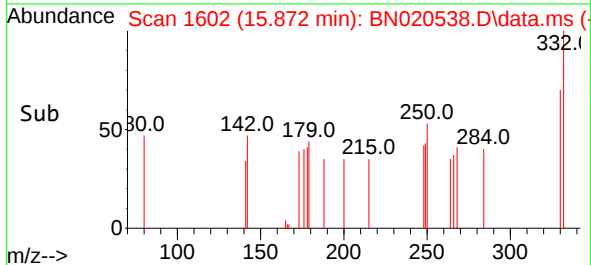
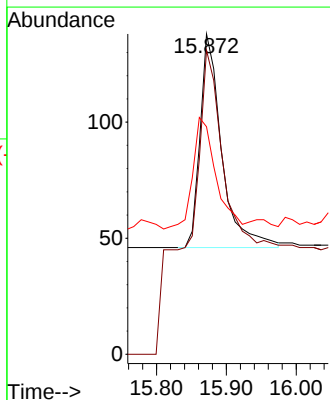
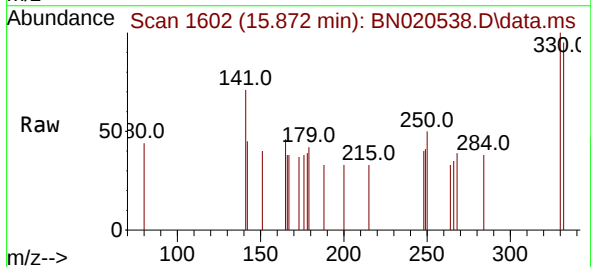
Instrument :  
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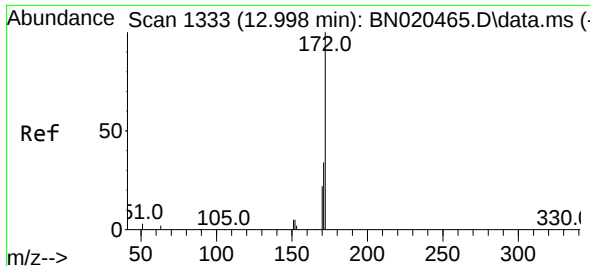
Tgt Ion:164 Resp: 5177  
Ion Ratio Lower Upper  
164 100  
162 105.0 82.1 123.1  
160 48.7 38.6 58.0



#14  
2,4,6-Tribromophenol  
Concen: 0.102 ng  
RT: 15.872 min Scan# 1602  
Delta R.T. 0.010 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

Tgt Ion:330 Resp: 198  
Ion Ratio Lower Upper  
330 100  
332 335.9 77.6 116.4#  
141 56.1 41.0 61.4

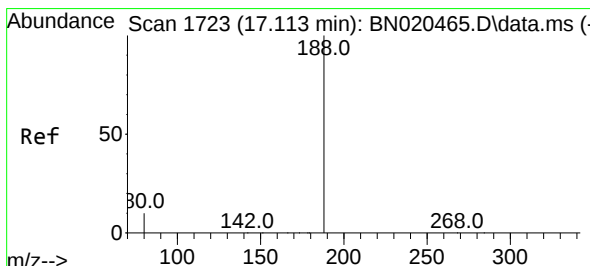
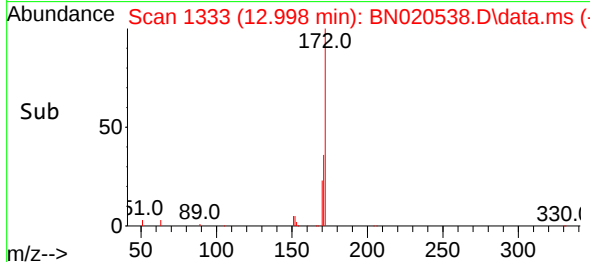
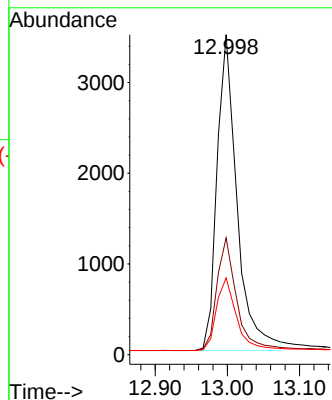
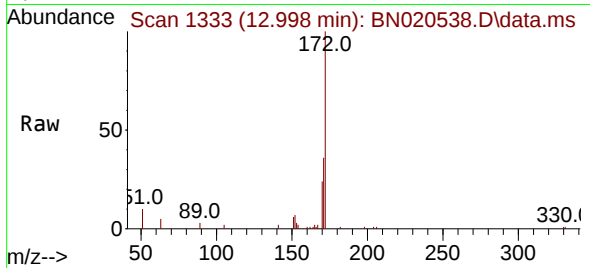




#15  
2-Fluorobiphenyl  
Concen: 0.313 ng  
RT: 12.998 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

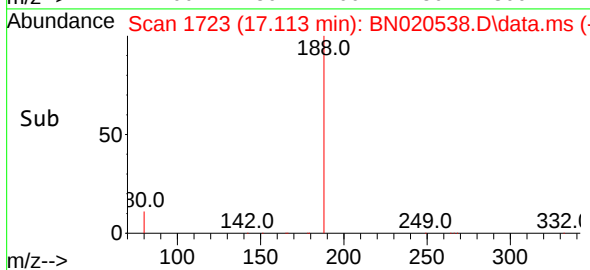
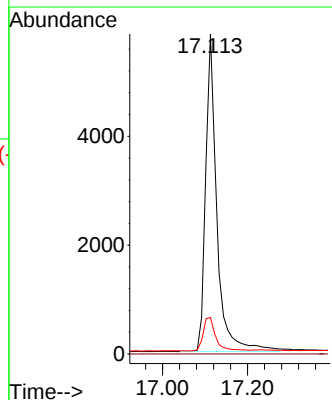
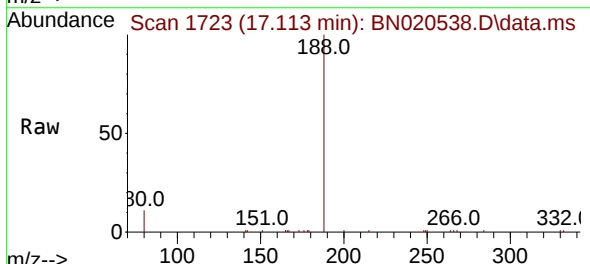
Instrument :  
BNA\_N  
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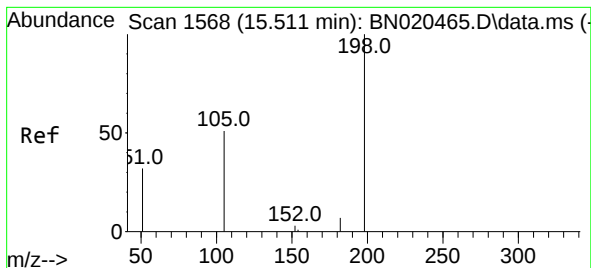
Tgt Ion:172 Resp: 6690  
Ion Ratio Lower Upper  
172 100  
171 36.5 27.2 40.8  
170 24.0 18.2 27.4



#19  
Phenanthrene-d10  
Concen: 0.400 ng  
RT: 17.113 min Scan# 1723  
Delta R.T. -0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

Tgt Ion:188 Resp: 10727  
Ion Ratio Lower Upper  
188 100  
94 0.0 0.0 0.0  
80 11.4 7.4 11.2#

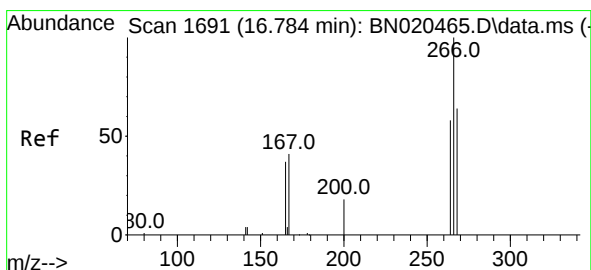
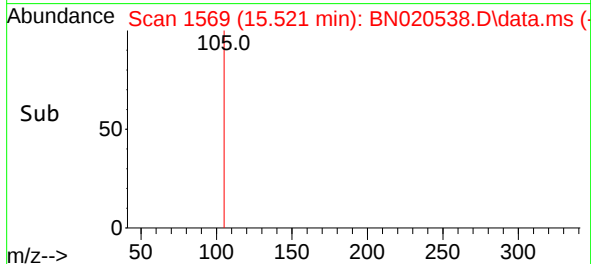
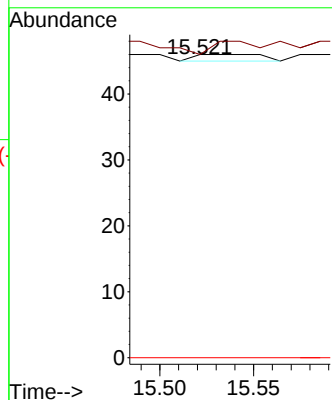
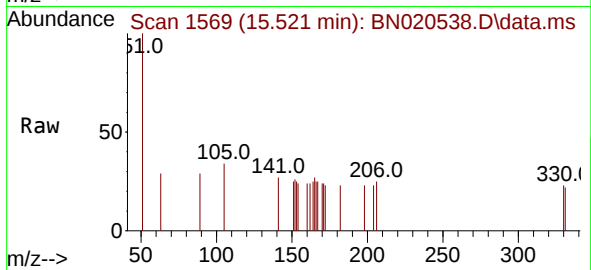




#20  
4,6-Dinitro-2-methylphenol  
Concen: 0.227 ng  
RT: 15.521 min Scan# 1569  
Delta R.T. 0.010 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

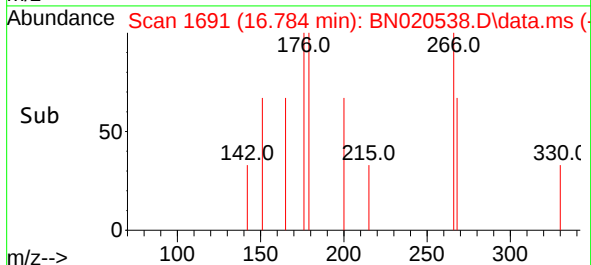
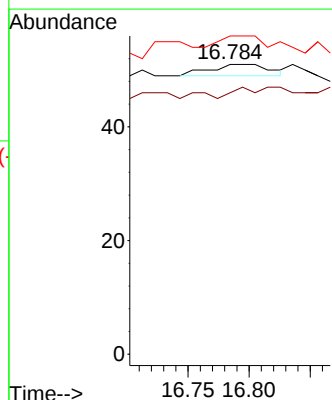
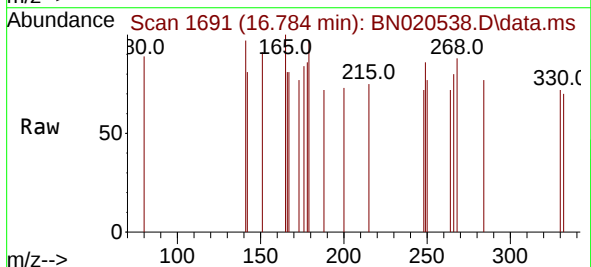
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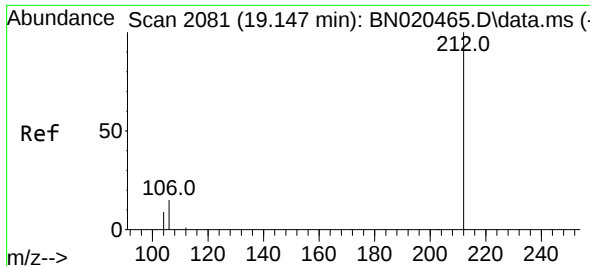
Tgt Ion:198 Resp: 3  
Ion Ratio Lower Upper  
198 100  
182 100.0 12.1 18.1#  
77 0.0 0.0 0.0



#24  
Pentachlorophenol  
Concen: 0.187 ng  
RT: 16.784 min Scan# 1691  
Delta R.T. 0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

Tgt Ion:266 Resp: 7  
Ion Ratio Lower Upper  
266 100  
264 85.7 51.3 76.9#  
268 171.4 52.6 79.0#

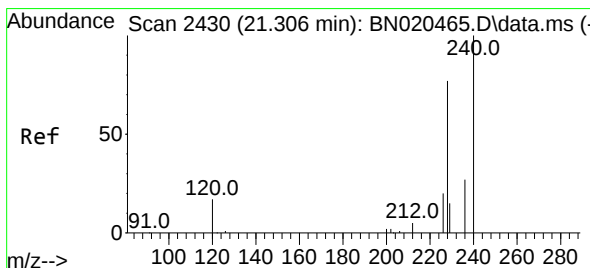
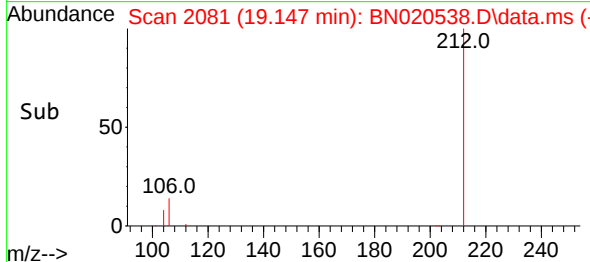
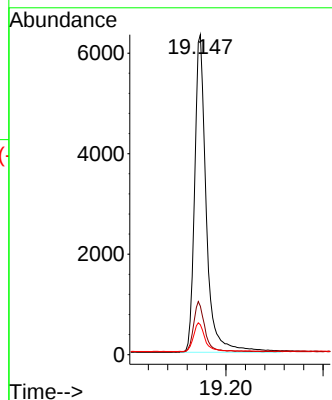
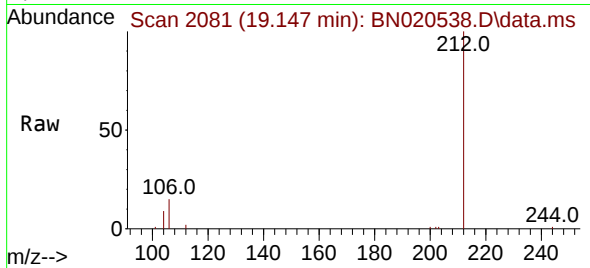




#27  
Fluoranthene-d10  
Concen: 0.331 ng  
RT: 19.147 min Scan# 2081  
Delta R.T. -0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

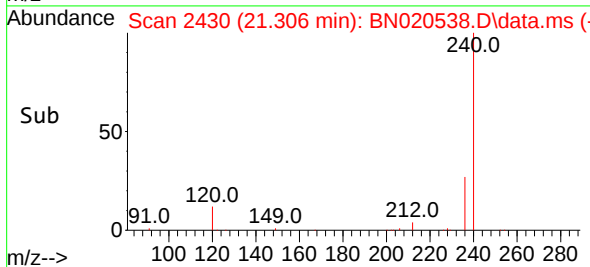
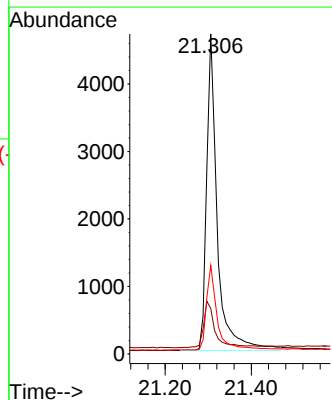
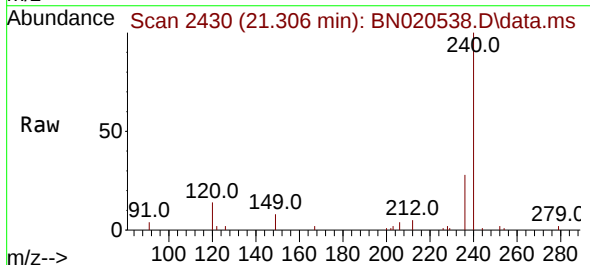
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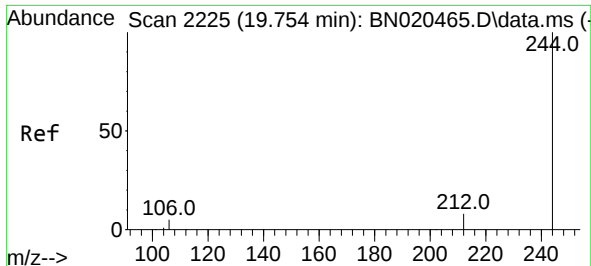
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212 100  
106 15.0 12.6 19.0  
104 8.7 7.2 10.8



#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.306 min Scan# 2430  
Delta R.T. -0.000 min  
Lab File: BN020538.D  
Acq: 28 Jun 2022 17:45

Tgt Ion:240 Resp: 8074  
Ion Ratio Lower Upper  
240 100  
120 14.2 14.6 21.8#  
236 27.6 22.6 33.8

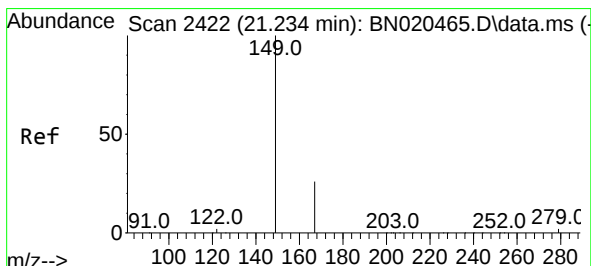
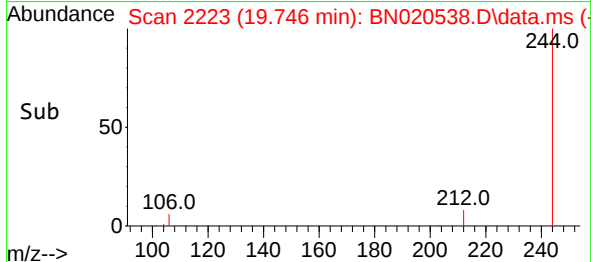
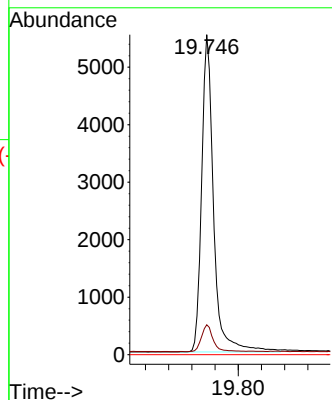
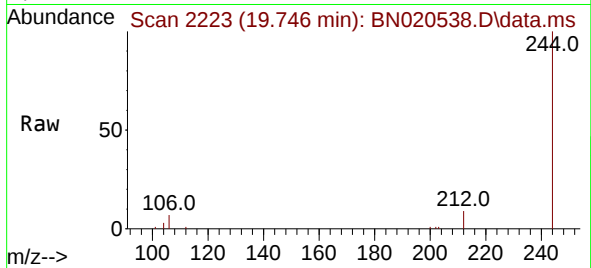




#31  
 Terphenyl-d14  
 Concen: 0.409 ng  
 RT: 19.746 min Scan# 21  
 Delta R.T. -0.009 min  
 Lab File: BN020538.D  
 Acq: 28 Jun 2022 17:45

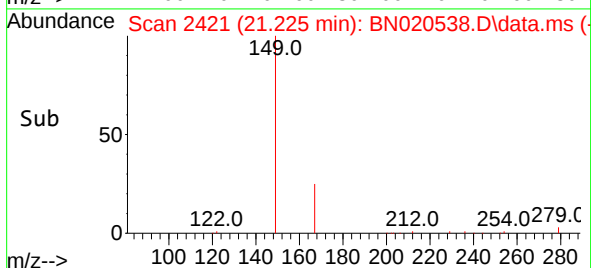
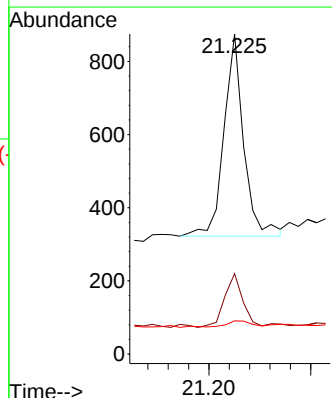
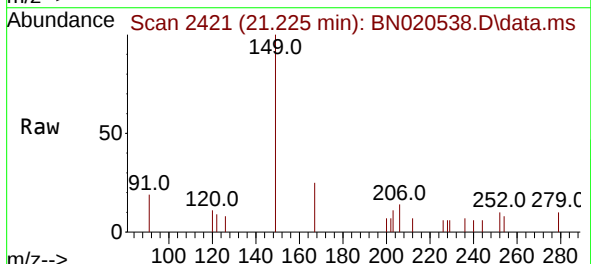
Instrument :  
 BNA\_N  
 ClientSampleId :  
 SP-201-20220623

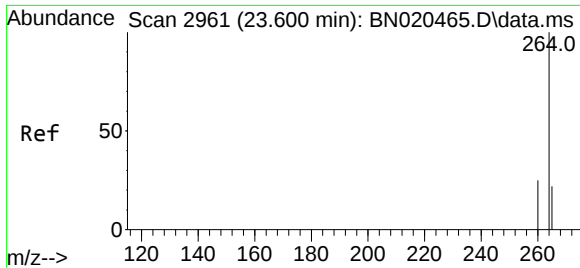
Tgt Ion:244 Resp: 7893  
 Ion Ratio Lower Upper  
 244 100  
 212 9.3 7.1 10.7  
 122 0.0 0.0 0.0



#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.046 ng  
 RT: 21.225 min Scan# 2421  
 Delta R.T. -0.009 min  
 Lab File: BN020538.D  
 Acq: 28 Jun 2022 17:45

Tgt Ion:149 Resp: 745  
 Ion Ratio Lower Upper  
 149 100  
 167 26.3 21.7 32.5  
 279 3.6 2.2 3.2#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.589 min Scan# 2957

Delta R.T. -0.012 min

Lab File: BN020538.D

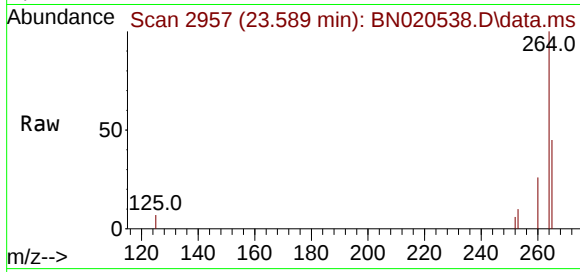
Acq: 28 Jun 2022 17:45

Instrument :

BNA\_N

ClientSampleId :

SP-201-20220623



Tgt Ion:264 Resp: 5950

Ion Ratio Lower Upper

264 100

260 26.5 20.9 31.3

265 45.1 28.0 42.0#

