

Data Path : Z:\svoasrv\HPCHEM1\BNA\_N\Data\BN062822\  
 Data File : BN020548.D  
 Acq On : 28 Jun 2022 23:49  
 Operator : CG/JU  
 Sample : N3457-01  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D4-20220616

Quant Time: Jun 29 02:03:04 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

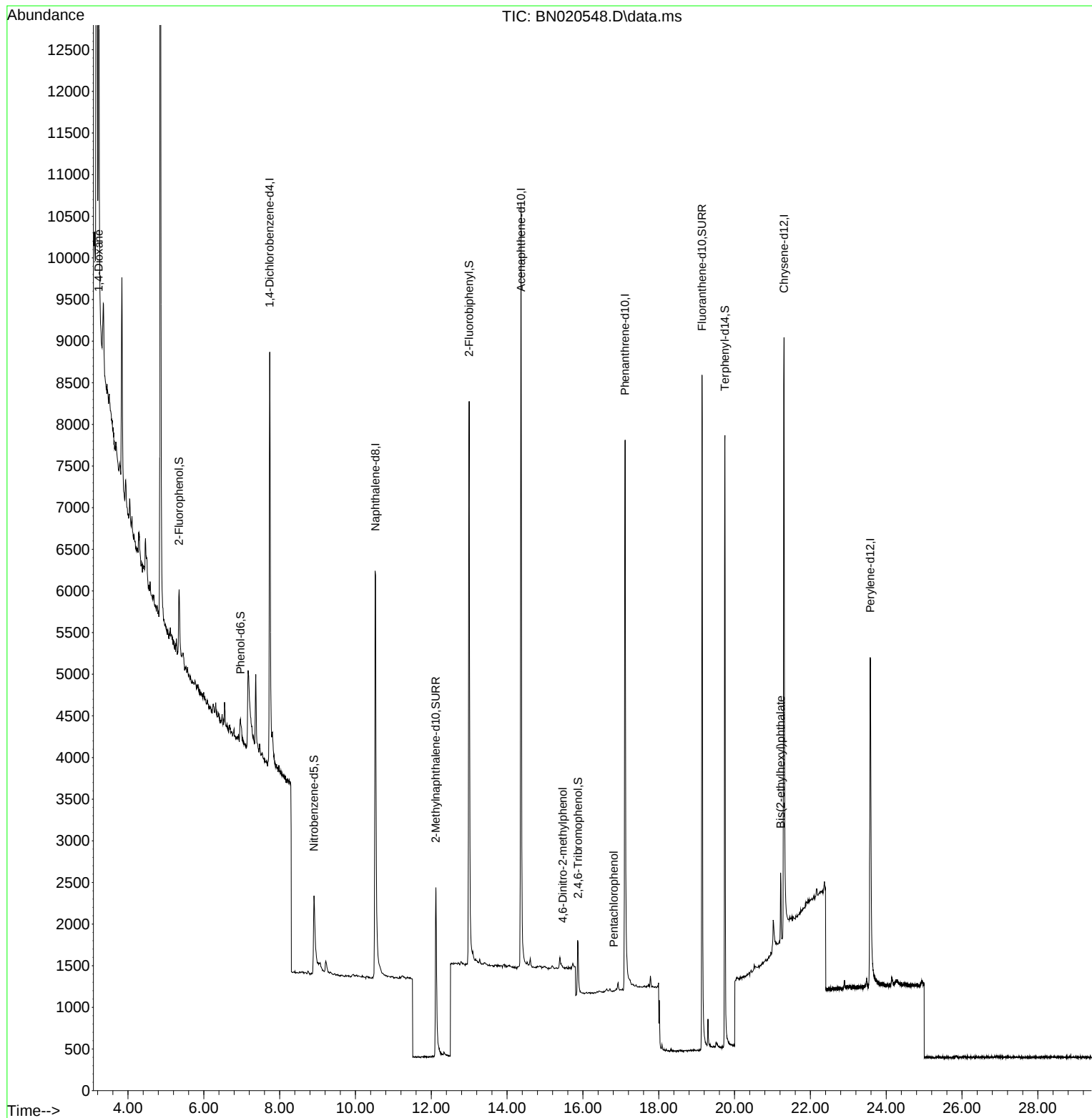
| Compound                      | R.T.   | QIon | Response | Conc  | Units | Dev(Min)  |
|-------------------------------|--------|------|----------|-------|-------|-----------|
| -----                         |        |      |          |       |       |           |
| Internal Standards            |        |      |          |       |       |           |
| 1) 1,4-Dichlorobenzene-d4     | 7.739  | 152  | 3181     | 0.400 | ng    | 0.00      |
| 7) Naphthalene-d8             | 10.530 | 136  | 9290     | 0.400 | ng    | 0.01      |
| 13) Acenaphthene-d10          | 14.367 | 164  | 5393     | 0.400 | ng    | 0.00      |
| 19) Phenanthrene-d10          | 17.113 | 188  | 11166    | 0.400 | ng    | # 0.00    |
| 29) Chrysene-d12              | 21.306 | 240  | 8796     | 0.400 | ng    | # 0.00    |
| 35) Perylene-d12              | 23.580 | 264  | 6869     | 0.400 | ng    | #-0.02    |
| System Monitoring Compounds   |        |      |          |       |       |           |
| 4) 2-Fluorophenol             | 5.348  | 112  | 936      | 0.106 | ng    | 0.00      |
| 5) Phenol-d6                  | 6.966  | 99   | 519      | 0.049 | ng    | 0.02      |
| 8) Nitrobenzene-d5            | 8.907  | 82   | 1576     | 0.209 | ng    | 0.01      |
| 11) 2-Methylnaphthalene-d10   | 12.121 | 152  | 4117     | 0.259 | ng    | 0.00      |
| 14) 2,4,6-Tribromophenol      | 15.872 | 330  | 460      | 0.226 | ng    | 0.01      |
| 15) 2-Fluorobiphenyl          | 12.998 | 172  | 7312     | 0.328 | ng    | 0.00      |
| 27) Fluoranthene-d10          | 19.143 | 212  | 10078    | 0.304 | ng    | 0.00      |
| 31) Terphenyl-d14             | 19.746 | 244  | 9010     | 0.429 | ng    | 0.00      |
| Target Compounds              |        |      |          |       |       |           |
| 2) 1,4-Dioxane                | 3.225  | 88   | 4992     | 1.197 | ng    | Qvalue 93 |
| 20) 4,6-Dinitro-2-methylph... | 15.468 | 198  | 6        | 0.228 | ng    | # 1       |
| 24) Pentachlorophenol         | 16.815 | 266  | 12       | 0.189 | ng    | # 23      |
| 34) Bis(2-ethylhexyl)phtha... | 21.216 | 149  | 851      | 0.048 | ng    | # 98      |
| -----                         |        |      |          |       |       |           |

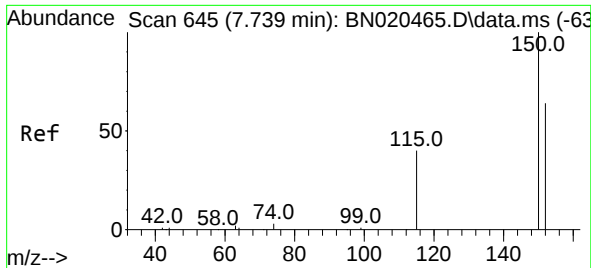
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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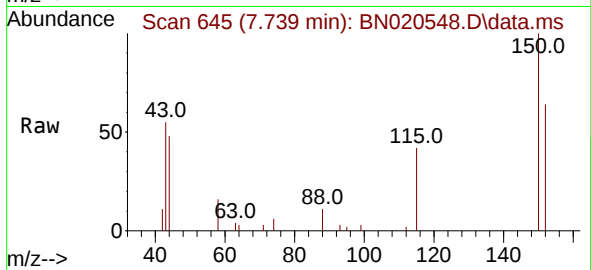
Quant Time: Jun 29 02:03:04 2022  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_N\METHODS\8270-SIM-BN062622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jun 27 02:03:21 2022  
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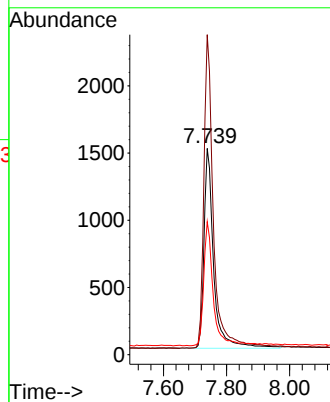
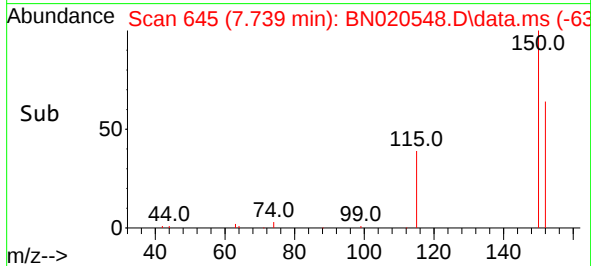


#1  
 1,4-Dichlorobenzene-d4  
 Concen: 0.400 ng  
 RT: 7.739 min Scan# 64  
 Delta R.T. -0.000 min  
 Lab File: BN020548.D  
 Acq: 28 Jun 2022 23:49

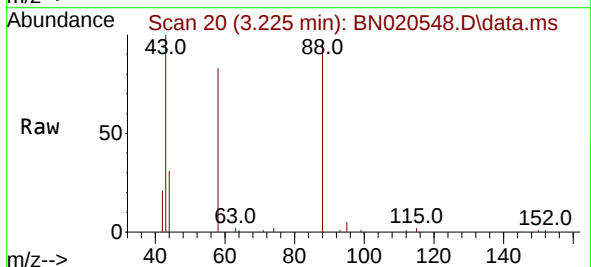
Instrument :  
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 ClientSampleId :  
 RE134D4-20220616



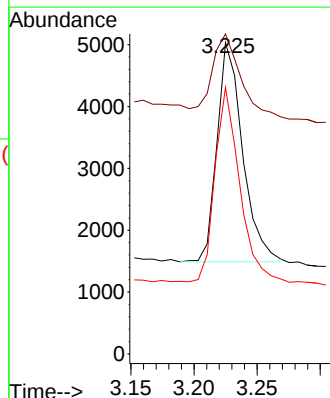
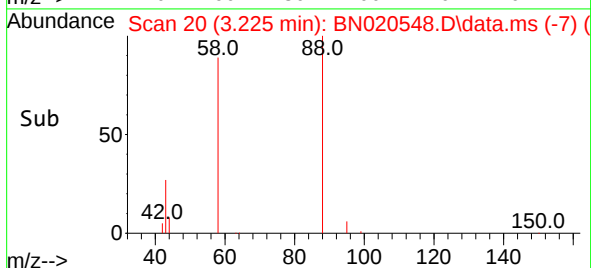
Tgt Ion:152 Resp: 3181  
 Ion Ratio Lower Upper  
 152 100  
 150 155.1 127.9 191.9  
 115 64.4 51.4 77.2



#2  
 1,4-Dioxane  
 Concen: 1.197 ng  
 RT: 3.225 min Scan# 20  
 Delta R.T. -0.007 min  
 Lab File: BN020548.D  
 Acq: 28 Jun 2022 23:49



Tgt Ion: 88 Resp: 4992  
 Ion Ratio Lower Upper  
 88 100  
 43 41.3 30.2 45.2  
 58 84.9 73.0 109.6

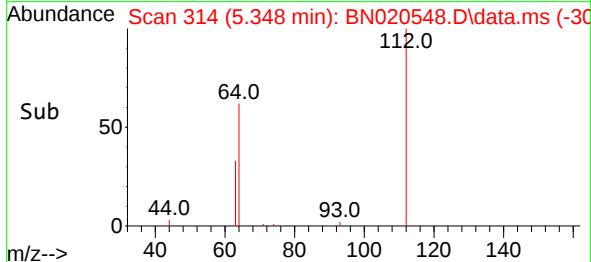
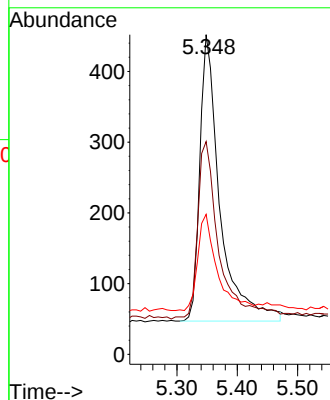
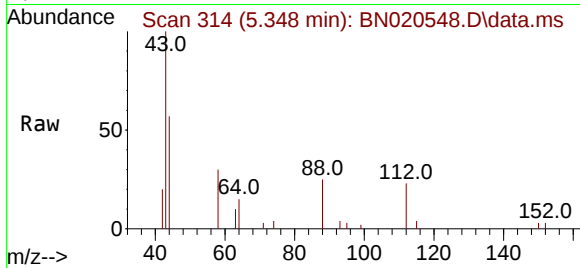




#4  
2-Fluorophenol  
Concen: 0.106 ng  
RT: 5.348 min Scan# 314  
Delta R.T. -0.000 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

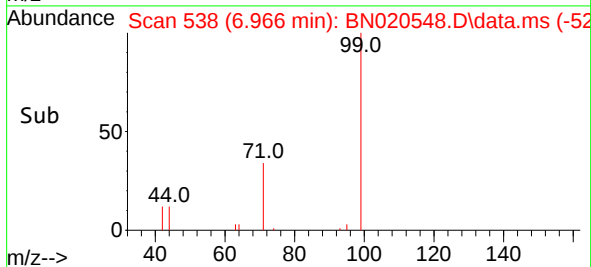
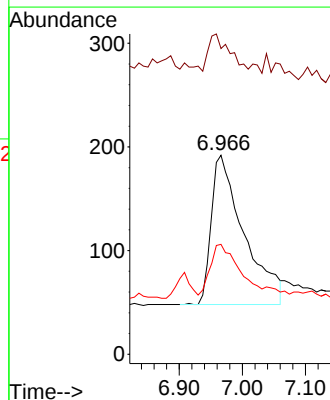
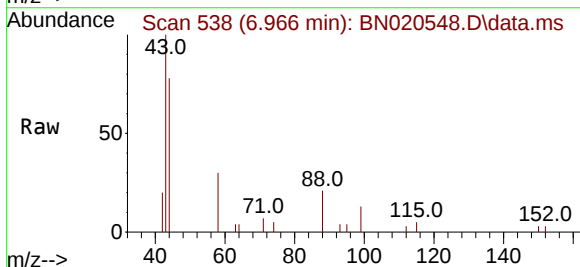
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D4-20220616

Tgt Ion:112 Resp: 936  
Ion Ratio Lower Upper  
112 100  
64 66.5 49.1 73.7  
63 32.6 26.3 39.5



#5  
Phenol-d6  
Concen: 0.049 ng  
RT: 6.966 min Scan# 538  
Delta R.T. 0.022 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

Tgt Ion: 99 Resp: 519  
Ion Ratio Lower Upper  
99 100  
42 16.0 19.3 28.9#  
71 32.0 27.5 41.3

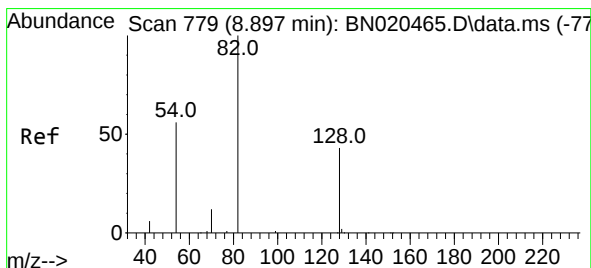
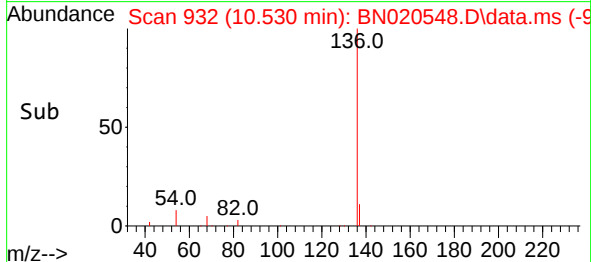
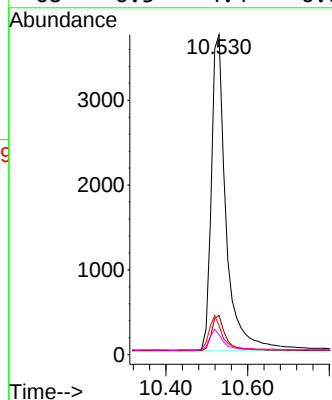
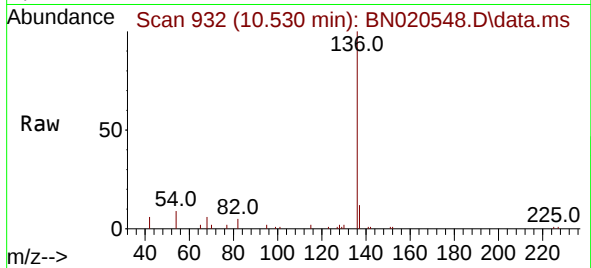




#7  
Naphthalene-d8  
Concen: 0.400 ng  
RT: 10.530 min Scan# 91  
Delta R.T. 0.011 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

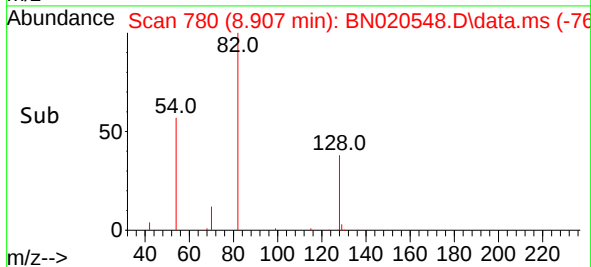
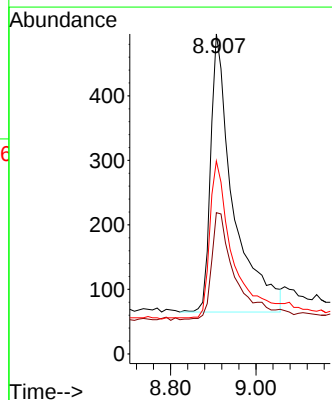
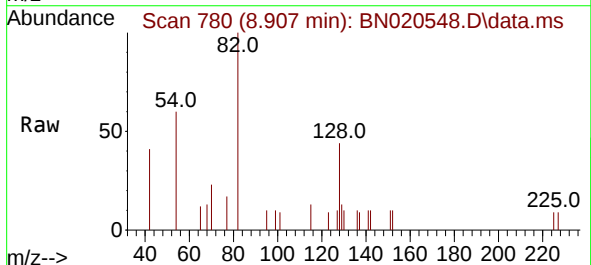
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D4-20220616

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 136   | Resp: | 9290  |
| Ion      | Ratio | Lower | Upper |
| 136      | 100   |       |       |
| 137      | 12.3  | 9.0   | 13.6  |
| 54       | 9.0   | 6.2   | 9.2   |
| 68       | 6.3   | 4.4   | 6.6   |



#8  
Nitrobenzene-d5  
Concen: 0.209 ng  
RT: 8.907 min Scan# 780  
Delta R.T. 0.011 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 82    | Resp: | 1576  |
| Ion      | Ratio | Lower | Upper |
| 82       | 100   |       |       |
| 128      | 44.2  | 35.0  | 52.6  |
| 54       | 60.3  | 46.2  | 69.4  |

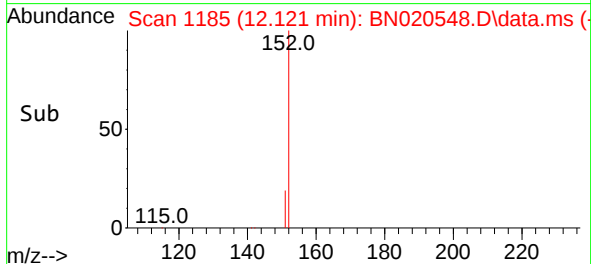
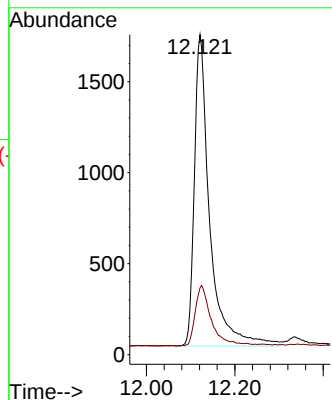
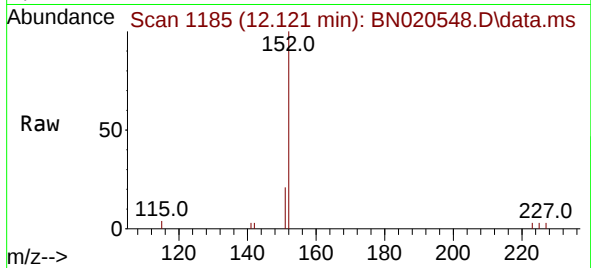




#11  
2-Methylnaphthalene-d10  
Concen: 0.259 ng  
RT: 12.121 min Scan# 1185  
Delta R.T. -0.000 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

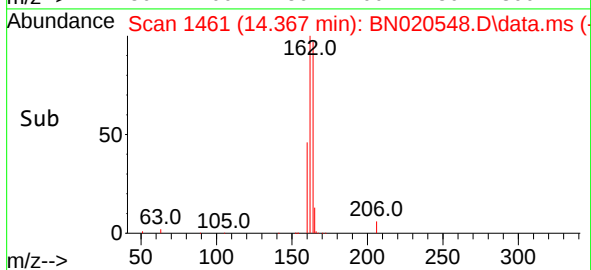
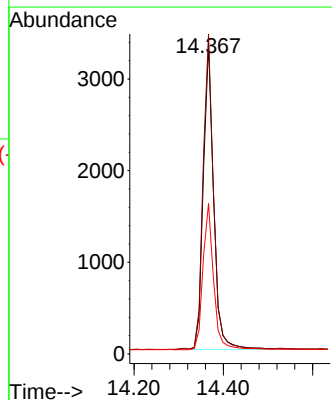
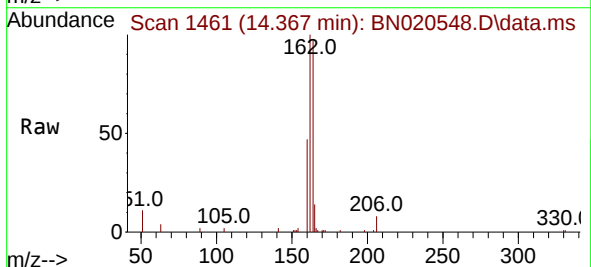
Instrument :  
BNA\_N  
ClientSampleId :  
RE134D4-20220616

Tgt Ion:152 Resp: 4117  
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# 1461  
Delta R.T. -0.000 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

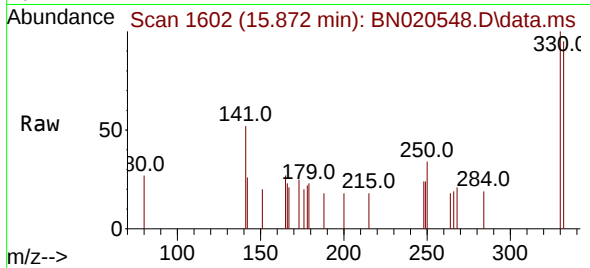
Tgt Ion:164 Resp: 5393  
Ion Ratio Lower Upper  
164 100  
162 103.4 82.1 123.1  
160 48.6 38.6 58.0



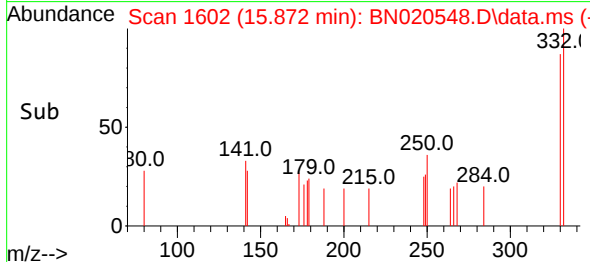
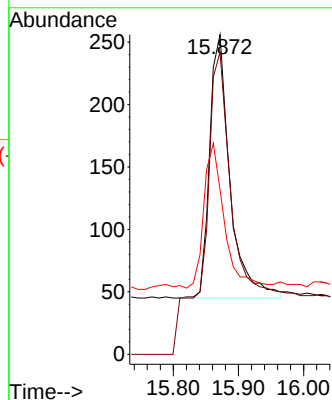


#14  
2,4,6-Tribromophenol  
Concen: 0.226 ng  
RT: 15.872 min Scan# 1602  
Delta R.T. 0.010 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

Instrument :  
BNA\_N  
ClientSampleId :  
RE134D4-20220616

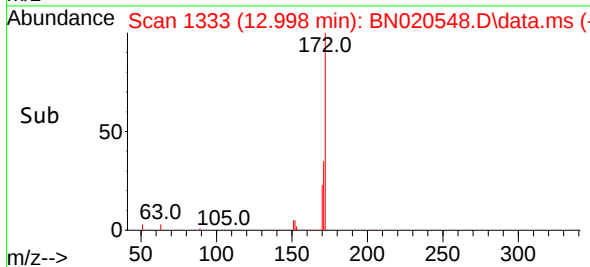
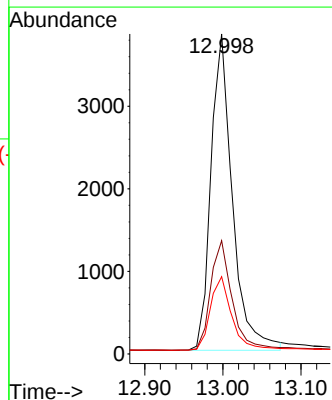
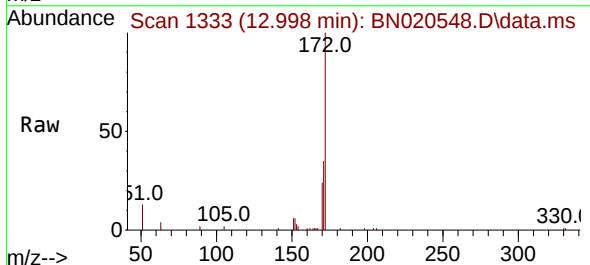


Tgt Ion:330 Resp: 460  
Ion Ratio Lower Upper  
330 100  
332 198.0 77.6 116.4#  
141 54.6 41.0 61.4



#15  
2-Fluorobiphenyl  
Concen: 0.328 ng  
RT: 12.998 min Scan# 1333  
Delta R.T. -0.000 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

Tgt Ion:172 Resp: 7312  
Ion Ratio Lower Upper  
172 100  
171 35.4 27.2 40.8  
170 24.1 18.2 27.4





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.113 min Scan# 11

Delta R.T. -0.000 min

Lab File: BN020548.D

Acq: 28 Jun 2022 23:49

Instrument :

BNA\_N

ClientSampleId :

RE134D4-20220616

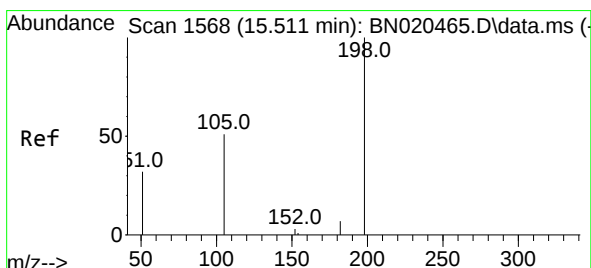
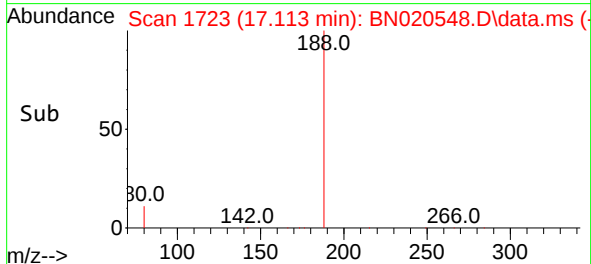
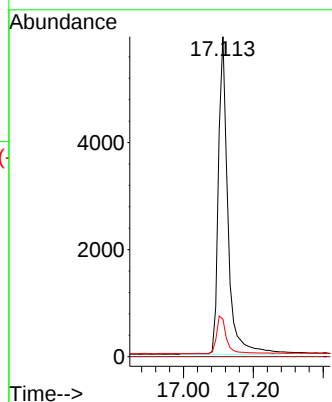
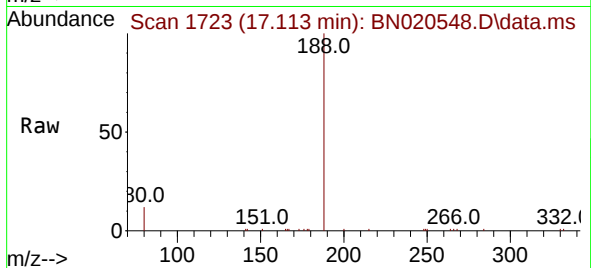
Tgt Ion:188 Resp: 11166

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 11.8 7.4 11.2#



#20

4,6-Dinitro-2-methylphenol

Concen: 0.228 ng

RT: 15.468 min Scan# 1564

Delta R.T. -0.043 min

Lab File: BN020548.D

Acq: 28 Jun 2022 23:49

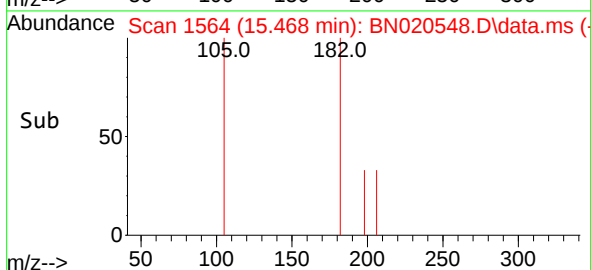
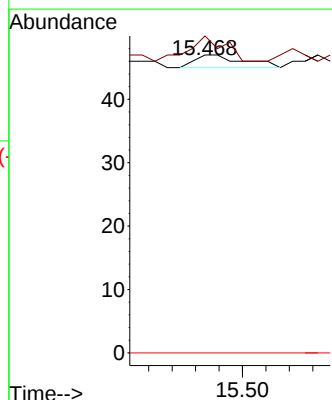
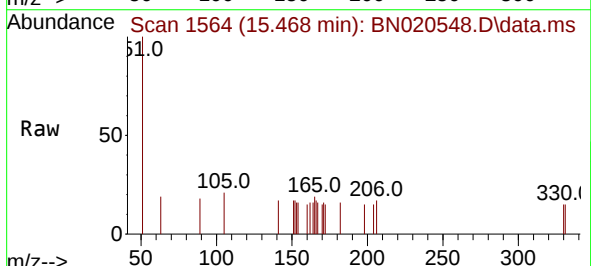
Tgt Ion:198 Resp: 6

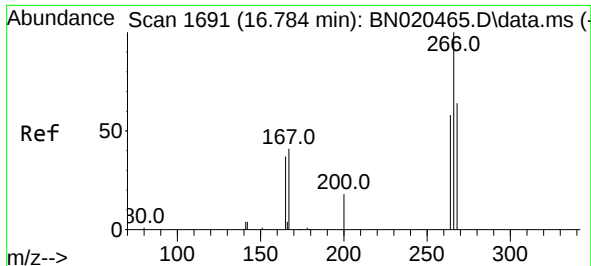
Ion Ratio Lower Upper

198 100

182 106.4 12.1 18.1#

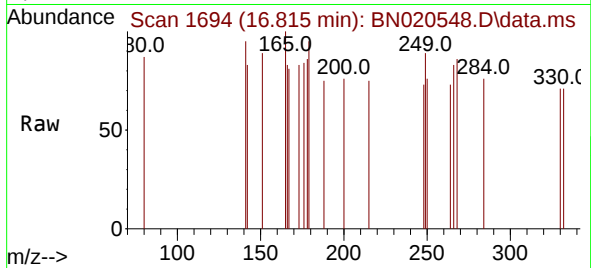
77 0.0 0.0 0.0



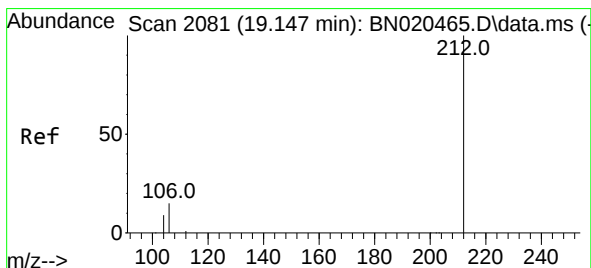
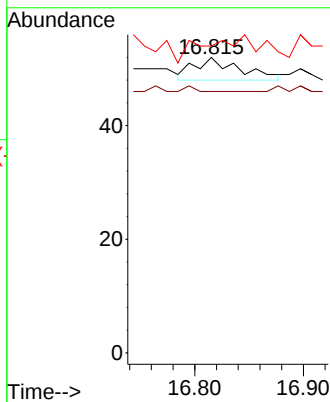
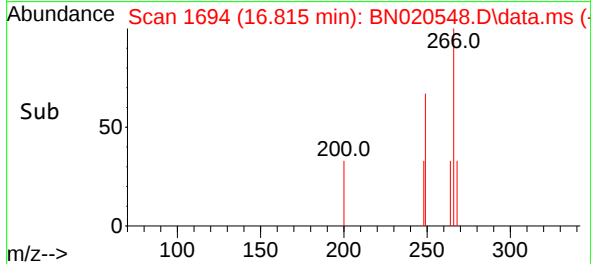


#24  
Pentachlorophenol  
Concen: 0.189 ng  
RT: 16.815 min Scan# 10  
Delta R.T. 0.031 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

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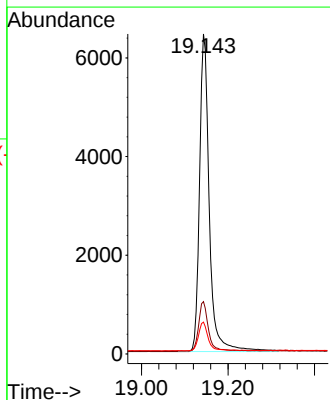
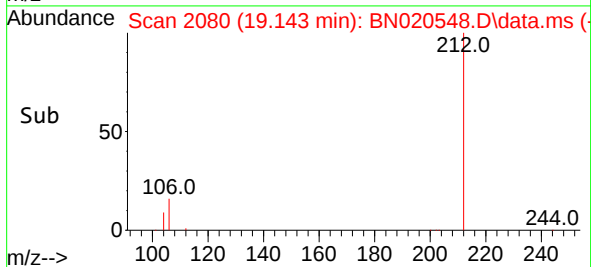
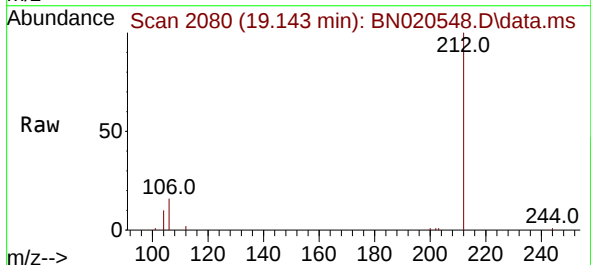


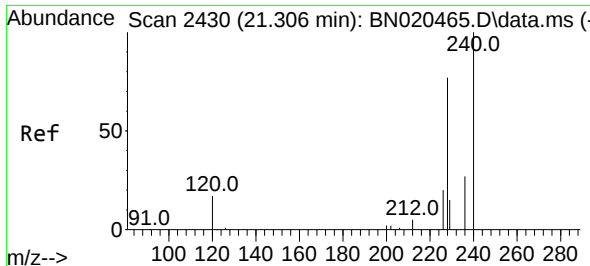
Tgt Ion:266 Resp: 12  
Ion Ratio Lower Upper  
266 100  
264 0.0 51.3 76.9#  
268 8.3 52.6 79.0#



#27  
Fluoranthene-d10  
Concen: 0.304 ng  
RT: 19.143 min Scan# 2080  
Delta R.T. -0.004 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

Tgt Ion:212 Resp: 10078  
Ion Ratio Lower Upper  
212 100  
106 15.2 12.6 19.0  
104 8.7 7.2 10.8

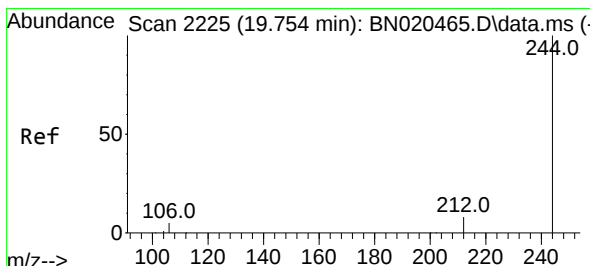
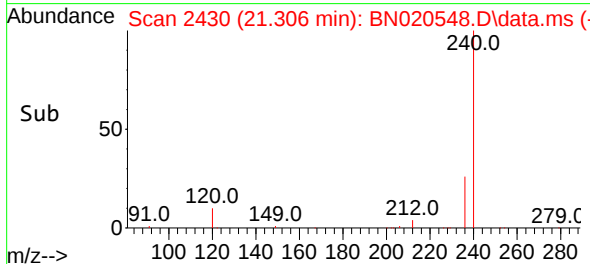
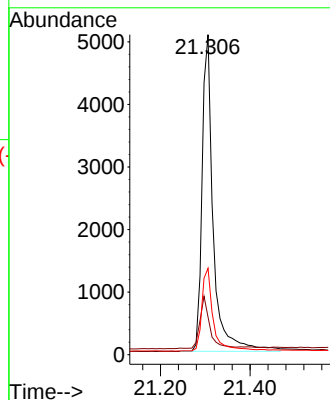
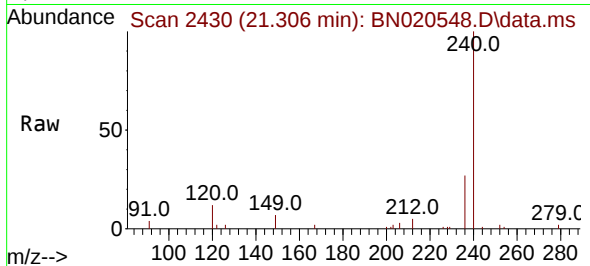




#29  
Chrysene-d12  
Concen: 0.400 ng  
RT: 21.306 min Scan# 2430  
Delta R.T. -0.000 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

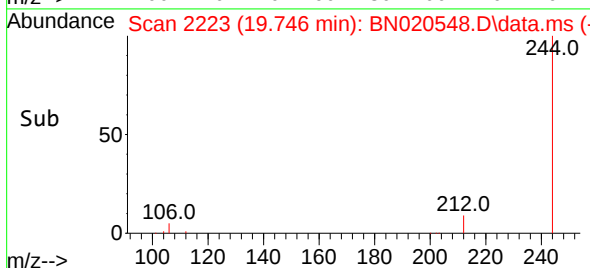
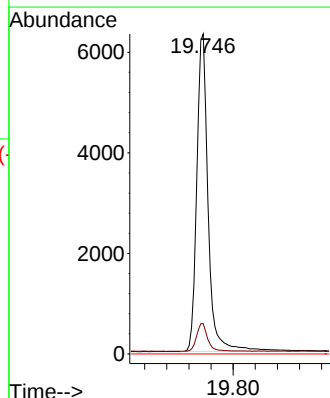
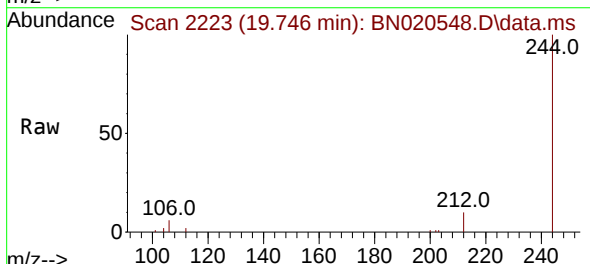
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BNA\_N  
ClientSampleId :  
RE134D4-20220616

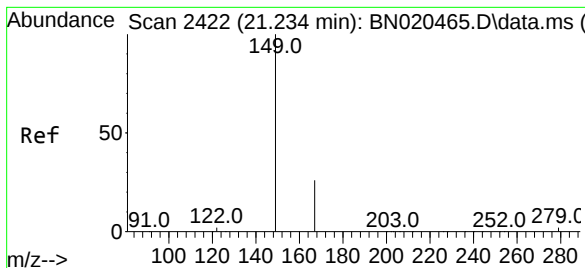
Tgt Ion:240 Resp: 8796  
Ion Ratio Lower Upper  
240 100  
120 11.8 14.6 21.8#  
236 27.0 22.6 33.8



#31  
Terphenyl-d14  
Concen: 0.429 ng  
RT: 19.746 min Scan# 2223  
Delta R.T. -0.008 min  
Lab File: BN020548.D  
Acq: 28 Jun 2022 23:49

Tgt Ion:244 Resp: 9010  
Ion Ratio Lower Upper  
244 100  
212 9.5 7.1 10.7  
122 0.0 0.0 0.0

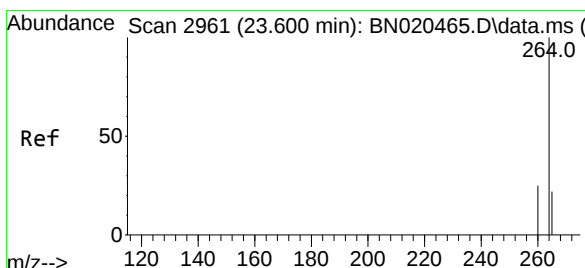
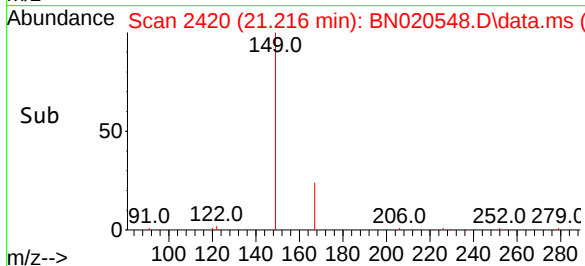
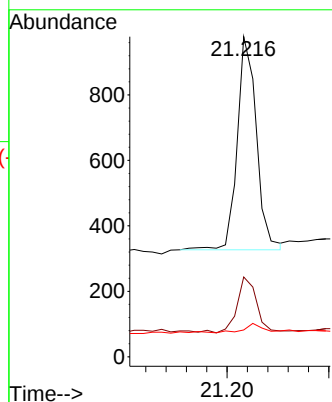
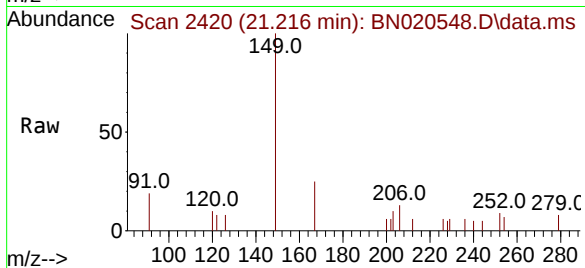




#34  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.048 ng  
 RT: 21.216 min Scan# 2422  
 Delta R.T. -0.018 min  
 Lab File: BN020548.D  
 Acq: 28 Jun 2022 23:49

Instrument :  
 BNA\_N  
 ClientSampleId :  
 RE134D4-20220616

Tgt Ion:149 Resp: 851  
 Ion Ratio Lower Upper  
 149 100  
 167 26.3 21.7 32.5  
 279 4.6 2.2 3.2#



#35  
 Perylene-d12  
 Concen: 0.400 ng  
 RT: 23.580 min Scan# 2954  
 Delta R.T. -0.021 min  
 Lab File: BN020548.D  
 Acq: 28 Jun 2022 23:49

Tgt Ion:264 Resp: 6869  
 Ion Ratio Lower Upper  
 264 100  
 260 26.9 20.9 31.3  
 265 42.4 28.0 42.0#

